



## **Catalog of Courses 2020-21**

## All-College Degree Requirements Policy

Responsible office

Registrar

Responsible party

Registrar

Last revision

June 2020

Approved by

Faculty Executive Committee

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July 2014

Effective date

July 2014

Last review

June 2020

Additional references

None

### Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

### Policy

*The General Education program requirements and the First Year Foundations were adopted at the Block 8 2019 faculty meeting to replace the Critical Perspectives and the First-Year Experience program. The following requirements apply to all students entering in Fall 2020 or after.*

The General Education program, requiring a minimum of nine blocks of study, calls on students to engage critical learning broadly through three fundamental components: six blocks of Critical Learning across the Liberal Arts; two blocks of Equity and Power; and three blocks of Critical Engagement through Language. Critical Learning across the Liberal Arts courses fall into six categories: Analysis and Interpretation of Meaning; Creative Process; Formal Reasoning and Logic; Historical Perspectives; Scientific Analysis; and Societies and Human Behavior. Students may not use a single course to meet more than one Learning Across the Liberal Arts requirement or more than one Equity and Power requirement, and must take and pass all General Education courses with a minimum grade of C- or S, with the exception of CC100. A maximum of two courses from a student's chosen major may be used to fulfill the general education requirement. Students who have a double major may use two courses from each major to fulfill the general education requirement.

Transfer students are not required to take CC100; credit for other General Education requirements will be determined by the Registrar's Office in consultation with the Committee on Instruction.

I. First Year Foundations (2 blocks): Taken in a student's first two blocks of study at Colorado College, these two courses provide an introduction to disciplinary scholarship, the nature of the liberal arts, and learning on the block. In the first block (CC100), students begin to understand the liberal arts as a specific kind of community comprised of various epistemological and methodological cultures. The goal of this class is to help students understand that different fields of study construct and organize knowledge differently, each with its own paradigms and assumptions. The second block (CC120) builds on the outcomes of CC100 to engage students in understanding the relationship between disciplinary practices and writing. The goal of this class is to help students understand that each discipline operates within specific discourse communities each with their own structures, styles, and forms. In doing so, this sequence provides a foundational framework for the work students will undertake throughout the General Education program at CC.

[1] CC100: Critical Inquiry Seminar; Taken during the first block of study at Colorado College, CC100 fulfills both the learning outcomes associated with the CC100 course and the outcomes of one of the Critical Learning across the Liberal Arts categories. CC100 cannot carry designations for Equity and Power or for more than one Learning Across the Liberal Arts category. It is an inquiry- or problem-driven seminar, grounded in the specific disciplinary practices of the faculty teaching the course. While rooted in the disciplines engaged in the course, it is intended to engage students in broader conversations about the nature of scholarly inquiry in the liberal arts. All incoming first year students are required to take CC100, but they are not required to pass it in order to complete their General Education program.

#### *Curricular goals*

- Provide students with a critical introduction to the liberal arts as a specific kind of community comprised of various epistemological and methodological cultures;
- Help students understand that different fields of study construct and organize knowledge differently, each with its own paradigms and assumptions;
- Engage students in broader conversations about the nature of scholarly inquiry in the liberal arts.

#### *Learning outcomes*

As a result of taking CC100, students will be able to:

- Provide examples of ways in which disciplines are rooted in discourses, communities, and/or histories that shape the production of knowledge;
- Articulate how phenomena may be evaluated by several disciplinary perspectives, each with its own paradigms, methods, and vocabularies;
- Describe the ways in which particular identity groups have benefited from or been marginalized by disciplinary practices.

[2.] CC120: First-Year Writing Seminar; CC120 Writing Seminars are intended to help students understand the ways that writing is a way of thinking through and about disciplinary content and the ways in which meaning is created and communicated within a discipline. CC120 courses cannot carry any other General Education designations (such as Equity and Power or Learning Across the Liberal Arts). In CC120 courses, students will build on concepts of critical inquiry introduced in the CC100 Critical Inquiry Seminar to explore the ways in which disciplinary scholars create and transmit knowledge both within and outside of their fields. This course functions as the second foundational block for an entry to a given discipline, and makes the processes of scholarly production, the structures, and expectations of disciplinary writing visible.

These courses, like the CC100 courses, can be inquiry or topic based, where students can use a disciplinary case study to gain skills, habits, and processes that will transfer to courses beyond the foundational.

### *Curricular goals*

- Examine the contributions of various scholars to a given field, within an established discourse community;
- Examine disciplinary writing practices as they address audience, purpose, form, and convention;
- Examine how writing works to construct knowledge and meaning in a given discipline
- Explore the ways that scholars engage in meaningful/impactful scholarship within a discipline (journals, blogs, news, etc.);
- Discuss individual and collaborative processes of generating scholarship/writing products;
- Model/mirror the process of generating scholarship within a discipline;
- Analyze the various rhetorical approaches to scholarship inside a discipline;
- Explain the research and inquiry methods that are common to the discipline/field;
- Participate in the ongoing dialogue of a discipline through various modes of writing and representation;
- Engage with disciplinary writing as an iterative process that depends upon reflection and revision;
- Articulate the ways that the approaches to writing differ across disciplines and amongst scholars within those disciplines.

### *Learning outcomes*

As a result of taking CC120, students will be able to:

- Articulate how writing processes engage, inform, and relate to disciplinary content;
- Describe disciplinary research practices;
- Write for the disciplinary audience in the style and form of the discipline.

### *Optional additional outcome to address an anti-racist curriculum:*

- Articulate how writing in the discipline privileges and advances particular topics and/or voices, while marginalizing or excluding others.

II. Critical Learning across the Liberal Arts (6 blocks, one in each of six categories): A signature liberal arts education for the 21st century will empower students to engage critically a range of experiences, inquiries, and practices, reflecting on their own participation and alternative possibilities. We encourage all students to reflect on inquiry and practices across the liberal arts and bring their general education formation into their curriculum of study in their majors and electives.

A course may carry designations for up to two Learning Across the Liberal Arts categories; in this case, the student is responsible for indicating which one category they wish to receive credit for. A course may carry designations for one Learning Across the Liberal Arts category and for Equity and Power (US and/or Global); in this case, the student will receive credit for two requirements, Learning Across the Liberal Arts and one category of Equity and Power (student's choice, in the case of a course that carries both Equity and Power designations).

[1.] Analysis and Interpretation of Meaning: In Analysis and Interpretation of Meaning courses,

students will explore the many ways in which meaning is created, developed, contested, and transformed. In these courses, students will analyze and interpret texts, objects, or other forms of cultural expression.

### *Curricular goals*

- Students will apply practices of interpretation and critical analysis, such as close reading, to various forms of cultural expression, including texts, music, film, or visual and performing arts;
- Students will examine how various contexts – including structures of power and knowledge – shape the development, interpretation, and reception of various forms of cultural expression;
- Students will engage with texts or other forms of cultural expression to explore, contest, and create meaning and value.

### *Learning goals*

As a result of taking a course in Analysis and Interpretation of Meaning, students will be able to:

- Apply specific theoretical or methodological approaches to interpret, analyze, and/or critically evaluate texts, artistic productions, or other forms of cultural expression;
- Explain how multiple contexts shape the development and interpretation of texts, artistic productions, or other forms of cultural expression.

[2.] Creative Process: Creative process constitutes engagement in the generation and development of novel ideas or productions. These courses are designed to offer students an understanding of principles that underlie creative processes and a meaningful experience of creative work. All courses will involve engagement with critical or contextual frameworks, creative experience, and reflection. While some courses might entail cultivation of a particular art form, other courses might focus on using creative modalities for idea generation and problem solving in any discipline.

### *Curricular goals*

- Ask students to engage with research, texts or other sources that provide a context for understanding creativity;
- Involve students in a first-hand creative experience, such as a form or forms of creative expression or problem-solving using creative modalities, and engage processes of collaboration, experimentation, and/or iteration;
- Provide opportunities for students to reflect on their own creative experiences and connect them to their critical or contextual understanding of creativity;
- Prepare students to bring knowledge and experience of the creative process to their subsequent courses at CC.

### *Learning outcomes*

As a result of taking a course in Creative Process, students will be able to:

- Discuss, in depth, frameworks for understanding the creative process;
- Reflect meaningfully on what they learned through their creative experiences;
- Synthesize critical and contextual knowledge with their own experiences in the creative process.

[3.] Formal Reasoning and Logic: Formal reasoning and logic are concerned with the deductive

form of argument where first principles or established facts are used to reach a conclusion. Logic, therefore, becomes a tool for seeking answers and set of skills for discerning conflicting statements, opinions and ideas.

### *Curricular goals*

- Students will learn about the logic of deductive reasoning;
- Students will learn about the ways in which deductive reasoning guides inquiry;
- Students will learn how deduction from first principles or established facts guide the development of key ideas or processes in academic disciplines and interdisciplinary areas;
- Students will gain practice in using tools such as mathematics, computer programs, formal logic, or other such areas to carry out deductive reasoning;
- Students will reflect upon the methods used in deductive reasoning.

### *Learning outcomes*

As a result of taking a course in Formal Reasoning and Logic, students will be able to:

- Articulate how deductive reasoning guides inquiry;
- Explain how key ideas or processes in one or more particular fields are the result of deduction from first principles or established facts;
- Carry out deductive reasoning using formal logic tools, including but not limited to mathematical modeling, computer programming, or philosophical reasoning traditions.

[4.] Historical Perspectives: This category encompasses many pasts and historical traditions. It encourages an awareness of the diversity of experiences and modes of meaning-making across times and places. Potential topics of consideration include continuity and change, multiple conceptions of time and memory, constructions and critiques of historical narratives, comparative histories, power and agency and the formation of identities, and questions of causality.

### *Curricular goals*

- Introduce students to the processes and claims of historical inquiry;
- Examine how historical arguments are constructed;
- Reflect on the value of historical inquiry and the complex nature of evidence.

### *Learning outcomes*

As a result of taking a course in Historical Perspectives, students will be able to:

- Describe one or more processes of historical inquiry;
- Articulate how historical arguments are constructed;
- Explain the value of historical inquiry;
- Evaluate the use of evidence in historical inquiry.

[5.] Scientific Analysis: Scientific literacy requires an understanding of how experimentation, data collection, and systematic observations of phenomena are used to formulate and test hypotheses, identify and predict patterns, and explain phenomena and relationships.

### *Curricular goals*

- Involve students in the scientific method, including but not limited to formulating a hypothesis, collecting data, and designing a method of testing the hypothesis;
- Discuss the theories, techniques, and/or research methods of a given discipline;

- Demonstrate how a given method of experimentation and/or data collection influences interpretations and/or conclusions;
- Discuss strengths and weaknesses of competing hypotheses given the data available.

### *Learning outcomes*

As a result of taking a course in Scientific Analysis, students will be able to:

- Formulate a testable evidence-based and/or theory-driven hypothesis;
- Design an appropriate method of testing an evidence-based and/or theory-driven hypothesis;
- Carry out experiments, observational studies, and/or data collection using the methods of a given discipline;
- Use data to evaluate the validity of a hypothesis.

[6.] Societies and Human Behavior: Courses in this category encourage students to grapple with social issues in the contemporary world by engaging with empirical, descriptive, and/or interpretive approaches to human interactions. Potential topics of consideration include human behavior, social patterns, cultural phenomena, agency and constraint, and the relationship between individuals and larger social structures.

### *Curricular goals*

- Introduce students to how to study societies and cultures;
- Critically discuss the nexus of social structures, individual behavior, and cultural contexts;
- Encourage reflection on the study of societies and/or human behavior.

### *Learning outcomes*

As a result of taking a course in Societies and Human Behavior, students will be able to:

- Describe one or more approaches to studying societies and cultures;
- Explain the value of studying societies and/or human behavior;
- Describe how social structures, cultural contexts, and individual agents intersect with each other.

III. Equity & Power (2 blocks): Engaging questions of equity and power, in both U.S. and global contexts, is essential to a liberal arts education. Courses that fulfill this requirement expect students to examine how systems of power create and shape notions of self, relations with others, access to resources and opportunities, and the production of knowledge. In these courses, students develop analytical and interpretive tools and/or reflective habits and interpersonal skills for thinking critically about how inequities are produced, reinforced, experienced, and resisted. Equity and Power courses may be taken as part of the Critical Learning Across the Liberal Arts categories.

### *Curricular goals*

- Students will gain an understanding of social, political, cultural, epistemological and/or economic forces that have produced and/or now sustain multiple forms of inequalities and their intersections;
- Students will identify, analyze, and evaluate the ways in which individuals and groups have unequal experiences, social positions, opportunities or outcomes based on the intersections of race, indigeneity, caste or class, citizenship, gender, gender identity, sexuality, size, (dis)ability, religious practices, belief systems, or other dimensions of difference;
- Students will seek to identify and challenge their implicit biases and assumptions while

learning to participate respectfully and productively in potentially uncomfortable discussions about equity and power and their position in relationship to others.

### *Learning outcomes*

As a result of taking a course in Equity and Power, students will be able to:

- Describe the relationship between power and inequality;
- Describe one or more ways that a form of inequality, such as racism, is reproduced over time;
- Describe how the social identity, historical context, or cultural context of a writer, artists, scientist, or other worker influences the work they do;
- Describe their own positionality with regard to one or more systems of inequality.

### IV. Critical Engagement through Language (3 blocks):

- One block of CC120 (see above)
- Two blocks of Language Study at the College Level

[1.] Language Study at the College Level (2 blocks): Language Study at the College Level develops language skills along with an essential awareness and knowledge of diverse linguistic traditions and cultural contexts. Language study is a critical means of promoting diversity and inclusion and of understanding a wide range of human experiences, both throughout history and across contemporary societies.

### *Curricular goals*

- Courses will develop in students an awareness of different linguistic systems and how these systems reflect different worldviews;
- Courses will introduce students to the challenges to, cultural and linguistic diversity;
- Courses will teach students to communicate effectively in and engage with the target language.

### *Learning outcomes*

As a result of taking a course in Language Study at the College Level, students will be able to:

- Describe how elements of one or more worldviews common to a society appear within the language spoken by that society;
- Articulate the value of cultural and/or linguistic diversity;
- Demonstrate language skills in one of the following ways:
  - Respond successfully to written prompts in the target language;
  - For spoken languages, respond successfully to spoken prompts in the target language;
  - Express a feeling, thought, or idea in writing in the target language;
  - For spoken languages, express a feeling, thought, or idea orally in the target language.

### *Clarifications*

Students who wish to take languages not offered at Colorado College:

The faculty welcomes the study of languages not offered at the College, but like any other course transferred to CC from elsewhere, such courses must be reviewed and evaluated for credit. The interdisciplinary program in Southwest Studies, for example, accepts indigenous languages to satisfy their major requirements.



Students who transfer in one unit of language not offered at Colorado College may take one block of another language offered at the College.

*The following requirements were unaffected by the changes adopted at the Block 8 faculty meeting and remain in effect for all students entering 2018 or after.*

V. Students must satisfactorily complete a major course of study. No major may require more than 14 units in any one department and no more than 16 overall (including prerequisites). In departmentally based majors, the two units beyond the 14-unit limit can be courses outside the department or adjunct courses. There are more than 40 possible majors at Colorado College, including a major of the student's own design, the Independently Designed major. Students at Colorado College may complete a double major. The following rules must be observed:

The two majors may be from traditional departmental majors or an interdisciplinary major and a departmental major as long as the latter is not a discipline making up part of the interdisciplinary major.

- Both departments must approve the option.
- In no case may more than three courses within the majors overlap.
- The student must have an advisor in each major.
- The student must complete all-college requirements.
- The completed major(s) will be recorded on the student's official transcript.

VI. A cumulative grade point average (GPA) of at least 2.0.

- Courses taken at other institutions will be granted as much equivalent credit as deemed appropriate by the Registrar's Office.

VII. All students must complete 32 units of credit to qualify for a Colorado College B.A. degree. Those students who have two units or less to complete toward their 32 units (in both all-college and the major requirements) may be allowed to march in Commencement ceremonies without receiving a diploma. There are no exceptions and no appeals to this policy. As described below, a specified number of the 32 units must be taken in residence, here at Colorado College, or through Colorado College programs and exchanges, including the ACM semester programs, detailed elsewhere in this catalog.

The following rules apply to the academic residence requirement:

- Students who enter Colorado College as first-semester, first-year students must complete 24 units at Colorado College or Colorado College programs and exchanges, including the ACM semester programs. Transfer students are required to complete a minimum of 16 units at Colorado College or Colorado College programs and exchanges, including the ACM semester programs.
- All Colorado College students are required to complete their last eight units at Colorado College, except for students participating in Colorado College programs and exchanges, including the ACM semester programs. Students who have completed 16 units at Colorado College may petition to the Vice Provost's Advisory Committee to waive up to four units of the eight-unit rule.
- Because different departments have their own residence requirements for their major, students should consult their major department before conducting any off-campus study in their major. These policies should not be confused with residential life policies regarding college housing.

VIII. In extended-format courses, students may take no more than one extended-format course per semester (one-half unit) and one extended-format course spanning the year (one unit) unless the Vice Provost grants permission for an overload.

IX. In each adjunct course, students may earn one-quarter unit toward their degree requirement for each semester of work. Students may take no more than three adjunct courses per semester unless the Registrar's Office grants permission for an overload. In no case may students count more than two total units of adjunct credit towards the general education degree requirements.

*The following requirements apply to all students entering in Fall 2018 and prior to Fall 2020.*

The Bachelor of Arts degree is earned upon fulfillment of the conditions described below. Students must satisfactorily complete 32 units of academic credit.

I. Students must satisfactorily complete a major course of study. No major may require more than 14 units in any one department and no more than 16 overall (including prerequisites). In departmentally based majors, the two units beyond the 14-unit limit can be courses outside the department or adjunct courses. There are more than 40 possible majors at Colorado College, including a major of the student's own design, the Independently Designed major. Students at Colorado College may complete a double major. The following rules must be observed:

The two majors may be from traditional departmental majors or an interdisciplinary major and a departmental major as long as the latter is not a discipline making up part of the interdisciplinary major.

- Both departments must approve the option.
- In no case may more than three courses within the majors overlap.
- The student must have an advisor in each major.
- The student must complete all-college requirements.
- The completed major(s) will be recorded on the student's official transcript.

II. Completion of the Critical Perspectives requirements: Global Cultures (1 unit); Social Inequality (1 unit); Scientific Investigation of the Natural World (2 units, including at least one lab or field course); Quantitative Reasoning (1 unit). Courses may meet more than one designation (for example, a course may be designated both "Social Inequality" and "Global Cultures") but students must choose one designation or the other, except in the case of "Quantitative Reasoning," which may be fulfilled along with any of the other Critical Perspectives requirements. Courses of one-half unit credit and independent study and reading courses do not count toward Critical Perspectives requirements.

[1] Critical Perspectives: Global Cultures courses focus primarily on the study of non-Western societies, or some aspects of them, including by means of intensive study of a non-Western language.

[2] Critical Perspectives: Social Inequality courses focus primarily on how inequality — with respect to nationality, race, ethnicity, gender, class, and/or sexuality — is produced, reproduced, experienced, and resisted. They analyze critically the social and cultural differences, traditions, and experiences of marginalized or subjugated populations in the United States or globally, investigating the social, political, economic, cultural, psychological, and/or historical processes that shape the emergence and status of such populations. In so doing, these courses may examine such matters as the nature of power and domination, political economy, social justice movements, identity formation, and/or cultural and artistic productions.

[3] Critical Perspectives: Scientific Investigation of the Natural World enhances students' understanding of the natural world and of the methods central to modern science. It gives students opportunities to explore the broader earth system and universe, a sphere of inquiry that includes but is not limited to humans. In a world influenced by science and technology, informed citizens need to be familiar with the distinctive ways of thinking characteristic of the sciences and need to cultivate skill in quantitative reasoning. These courses will meet the description of the preceding paragraph and will accomplish some combination of the following:

- Explicitly address the nature of the scientific method;
- Give students direct experience in the gathering and analysis of scientific data;
- Emphasize the use of quantitative reasoning;
- Introduce the foundations and principles of scientific knowledge;
- Enhance scientific literacy.
- At least one of the two units must involve significant laboratory or field experience.

[4] Critical Perspectives: Quantitative Reasoning courses develop students' ability to work with and interpret numerical data, to apply logical and symbolic analysis to a variety of problems, and/or to model phenomena with mathematical or logical reasoning.

III. Two blocks (or equivalent) of college-level language.

Colorado College believes that learning a language gives any student an important intellectual experience of cultural difference. A student may learn about other cultures in a variety of ways, but we believe interpreting and expressing individual experience and cultural values in another language is necessary for enhanced international and multicultural awareness. This requirement reflects the conviction that a liberal education is incomplete when it includes no language study. Learning a language other than one's native tongue is not equivalent simply to acquiring a tool for practical use. It is a means to enter fully and directly into the vital perspectives and unique workings of another culture. In addition, language study helps students understand grammar, enhances vocabulary, and significantly supports general literacy.

The language requirement, which may not be fulfilled with adjunct courses, may be fulfilled in two ways:

- Two units in any of the languages offered at Colorado College.
- An acceptable language program at any accredited college or university, in any non-English language, equivalent to two units of language at Colorado College, if approved by the Registrar's Office.

IV. First-year Experience (FYE) — A two-block course required of all first-year students addressing issues likely to stimulate debate and including critical reading, effective writing, and a research project.

V. Students entering in the Fall 2017 will receive writing evaluations in the FYE program. Students receiving a writing evaluation of "needs work" in an FYE class will complete at least one Writing Intensive or writing adjunct (GS 201, GS 257, or GS 260) course prior to their fourth semester on campus. (See the Writing Program section for more information.)

VI. A cumulative grade point average (GPA) of at least 2.0.

VII. Courses taken at other institutions will be granted as much equivalent credit as deemed appropriate by the Registrar's Office.

VIII. All students must complete 32 units of credit to qualify for a Colorado College B.A. degree. Those students who have two units or less to complete toward their 32 units (in both all-college and the major requirements) may be allowed to march in Commencement ceremonies without receiving a diploma. There are no exceptions and no appeals to this policy. As described below, a specified number of the 32 units must be taken in residence, here at Colorado College, or through Colorado College programs and exchanges, including the ACM semester programs, detailed elsewhere in this catalog.

The following rules apply to the academic residence requirement:

- Students who enter Colorado College as first-semester, first-year students must complete 24 units at Colorado College or Colorado College programs and exchanges, including the ACM semester programs. Transfer students are required to complete a minimum of 16 units at Colorado College or Colorado College programs and exchanges, including the ACM semester programs.
- All Colorado College students are required to complete their last eight units at Colorado College, except for students participating in Colorado College programs and exchanges, including the ACM semester programs. Students who have completed 16 units at Colorado College may petition to the Vice Provost's Advisory Committee to waive up to four units of the eight-unit rule.
- Because different departments have their own residence requirements for their major, students should consult their major department before conducting any off-campus study in their major. These policies should not be confused with residential life policies regarding college housing.

IX. In extended-format courses, students may take no more than one extended-format course per semester (one-half unit) and one extended-format course spanning the year (one unit) unless the Vice Provost grants permission for an overload.

X. In each adjunct course, students may earn one-quarter unit toward their degree requirement for each semester of work. Students may take no more than three adjunct courses per semester unless the Registrar's Office grants permission for an overload. In no case may students count more than two total units of adjunct credit towards the general education degree requirements.

## **Procedures**

None

## **Definitions**

None

# Academic & Student Life Policies

## Academic and Care Policy for Concussion in Students

Each year, several Colorado College students suffer from concussions caused by blows to the head. Damage from concussions can affect the brain down to the subcellular level and vary in severity from very mild to completely debilitating. (Shaw, 2002, *Prog Neurobiol*, 67, pages 281-344). The accepted treatment for concussions among medical professionals is both physical AND cognitive rest until symptoms resolve (McCrory et al. 2009, *Clinical Journal of Sport Medicine*, volume 19, pages 185-195). The purpose of this policy is to inform the CC community in general, and professors in particular, of the consequences of a concussion so that we can foster a supportive environment for successful treatment and recovery.

Responsible office

Athletics, Provost

Responsible party

Director of Athletics and Provost of the College

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The Cabinet

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Additional references

NCAA Concussion Diagnosis & Management Best Practices; NCAA Fact Sheet on Signs & Symptoms of a Concussion

### Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

### Policy

The president of the college delegates administration of the Academic and Care Policy For Concussion in Students to the director of athletics and the provost of the college.

**Post-concussion next steps and procedures** – Concussions reported to the Student Health Center and/or CC Sports Medicine or the club sports athletic trainer will be managed by clinical exam and, if needed, appropriate medical referral. Referrals may include emergency medical services, neurology, or other health-care specialists.

(a) Intercollegiate Varsity Athletes – will follow the NCAA-mandated protocol for concussion

management. Please contact the athletic trainer for your athletic team, or a member of the sports medicine staff for evaluation. CC student-athletes **MUST** be cleared through the NCAA-mandated policy by a team physician, or their delegate, before returning to athletics activities.

(b) Club Sports Athletes – please contact the athletic trainer for club sports. If you are unable to reach that individual, seek out medical care at the Student Health Center, the local hospital, or emergency services for evaluation. It is imperative that a compliant patient is asymptomatic before the patient is cleared for vigorous, athletics, and/or contact-related activities. Clearance needs to be provided by the athletic trainer for club sports in conjunction with the Student Health Center or an affiliated medical professional.

(c) General Students – if you believe you have suffered a concussion, or exhibit concussion symptoms after a blow to the body or head injury, please seek out medical care at the Student Health Center, the local hospital, or emergency services for evaluation. It is imperative that a compliant patient is asymptomatic before the patient is cleared for vigorous, athletics, and/or contact-related activities. Clearance should be sought from the Student Health Center or a local medical provider with experience in concussion evaluation and management. In the event that a student does not seek out medical care directly, it is advised that he/she at least notify the Office of Student Life about the condition.

### **Academic Management for all Students**

(a) After evaluation for a concussion, correspondence with faculty members to inform them of student injury due to concussion should be directed to the (i) current professor, (ii) vice president for student life/dean of students, (iii) director of Accessibility Resources, (iv) vice provost and (vi) the head athletic trainer, or the athletic trainer for club sports (if a varsity intercollegiate athlete or club sports athlete is injured).

- Information should be presented to the student’s professor regarding the patient’s (in)ability to perform academic tasks, and his/her clinical symptoms. It may often be necessary for students to receive applicable time away from schoolwork in order to appropriately recover from a concussion. This may take a few days, weeks, or even months.
- This correspondence should be provided by the initial medical evaluator.
- It is a student’s responsibility to work with both his/her professor and Accessibility Resources if academic assistance is needed for a class.

### **Post-concussion considerations**

(a) Avoidance of cognitive stimuli may offer great benefits in reducing the longevity of concussive symptoms. Students should be discouraged from text-messaging, using a computer, studying, watching television, attending functions in noisy or bright environments, or going to class. Students should be encouraged to rest as much as possible until cleared by a medical professional. Students should show signs of improvement and a significant reduction in concussive symptoms before returning to academic responsibilities.

(b) Students should be monitored closely for diminishing academic performance by both faculty and staff members. Dropping classes/block(s) may be necessary while attempting to fully recover from concussion.

- Before dropping any class, all students should discuss this option with their appropriate

medical provider, their professor/instructor, and Accessibility Resources (if necessary).

- ***Varsity athletes*** must discuss the dropping of any class with their athletic trainer, head coach, and associate director of athletics prior to doing so. Dropping a class can have a negative effect on a varsity athlete's ability to compete at the NCAA level.

(c) Students with associated academic deficits, prolonged symptoms, or post-concussion syndrome should be considered candidates for a neurological and/or neuro-psychological referral for appropriate specialized care and rehabilitation considerations.

(d) Additional communications may be necessary (i.e., student's employer, National Collegiate Athletic Association compliance official, parents, et al).

## Procedures

None

## Academic Standing Policy

Responsible office

Registrar

Responsible party

Registrar

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Additional references

None

## Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## Policy

All students are expected to meet the college's standards for academic performance. These are in place to keep students on track towards meeting the graduation requirements of the college (32 credits with a cumulative GPA of 2.0). Students who do not meet Colorado College academic standards may be put on probation or suspended from the College.

In Blocks 4 and 8 each year, the Provost's Advisory Committee meets to review students'

academic records. The Provost's Advisory Committee uses the following guidelines when reviewing academic progress:

First- and second-year students are encouraged to earn at least six units of credit during each of their first two years. Third- and fourth-year students are encouraged to earn at least seven units taken in any two consecutive semesters (spring and fall, fall and spring).

Normally, students complete a degree program within four years. However, the college recognizes that individual circumstances may warrant exceptions. The above guidelines will not apply to students who take less than normal academic loads for reasons such as illness, personal problems, or other pre-approved reasons. These students should obtain a written waiver from the Vice Provost.

Students failing to meet the requirements of satisfactory progress toward the degree may be liable for the following:

### **Academic Warning**

Academic warning informs students that they are not progressing toward completion of their degree in a satisfactory manner.

Students who do not meet the minimum grade point average (GPA) for the semester or pass the minimum number of units (see satisfactory academic policy) in a semester may be placed on Academic Warning.

Students who earn one or more NC (No Credit/Failing) grades in a semester may be placed on Academic Warning as well.

### **Academic Probation**

Students on Academic Warning who do not meet the minimum GPA or units earned for the following semester or who receive a No Credit in one or more courses may be placed on Academic Probation for the next semester.

While on Academic Probation, students must achieve a 2.0 GPA for the semester and pass four classes with a C– or better with no grade of Incomplete (I) in any of the four classes. The latter must be achieved for the student to be removed from academic probation.

Students on Academic Probation will be required to schedule an appointment and meet with their academic advisor each term to discuss degree progress and course scheduling.

### **Academic Suspension**

Students on Academic Probation who do not meet the minimum GPA or units earned for the following semester or who receive a No Credit in one or more courses may be placed on Academic Suspension for the next academic year.

Academic Suspension is entered on a student's transcript as a part of the academic record.

Suspended students meet with the Vice Provost to arrange for approval to take course work at another college/university during their suspension. The Vice Provost also will define the conditions for determining their readiness to return.



While on Suspension, students approved to take course work:

- Must earn a 2.75 cumulative GPA in all transferable course work.
- Should consult their academic advisor to discuss appropriate course work.
- Should use the time off to directly address and resolve the factors that contributed to the academic performance difficulties.

After a one-year absence from the college, a suspended student may apply to the Vice Provost for reinstatement.

Students will not be considered for reinstatement unless they have demonstrated significant improvement in academic performance at the college/university level and/or considerable and positive change in personal circumstances.

### **Academic Dismissal**

A student is subject to Academic Dismissal from the college whenever his or her academic performance is so low as to make the completion of a Colorado College degree unlikely.

### **Procedures**

None

### **Definitions**

None

## **Advanced Standing Credit Policy**

Responsible office

Registrar

Responsible party

Registrar

Last revision

September 2017

Approved by

Faculty Executive Committee

Approval date

July 2014

Effective date

July 2014

Last review

July 2019

Additional references

None

### **Scope**

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common

approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## Policy

Colorado College encourages prospective students to take the most rigorous courses available at their secondary schools. When considering applications for admission, the Admission Committee takes special note of students who pursue such courses of study. The college also recognizes challenging course work by giving credit in some instances for Advanced Placement work (AP), International Baccalaureate (IB) work, college courses, and certain foreign secondary degrees. No credit is awarded for CLEP tests or for life experience.

Approximately one-third of each entering class at Colorado College is awarded advanced standing credit. This credit can be used to satisfy general education requirements where appropriate (Advanced standing credit will not be allowed to fulfill Critical Perspectives requirements), to satisfy major requirements where the department allows, and to accelerate graduation. However, accelerated graduation is not mandatory; students are eligible to remain enrolled and receive financial aid for four full-time academic years. The college will award up to eight units (sophomore standing) in transfer credit to students whose scores meet the appropriate criteria. Note that the registrar's office will not award double credit for the same subject earned through different programs (e.g., AP American Literature and IB American Literature), nor will it award double credit if a student takes a Colorado College course in the same subject matter. The registrar's office will consider requests for credit after a student is admitted and has sent in the deposit.

## Transfer Credit

Colorado College accepts transfer credit for previous work done by a student. The following guidelines are used in the transfer and awarding of academic credit from an accredited institution or approved program:

- To earn credit at Colorado College, all transfer credit must come from a regionally accredited, degree-granting college or university (including community colleges) or a program preapproved by the office of international and off-campus programs for off-campus study and exchanges.
- Students who have completed work at other colleges and who wish to have this work credited toward a CC degree must have official transcripts from those colleges sent directly to the registrar at Colorado College. Course descriptions/syllabi for each course may also be requested.
- Students who wish to complete a semester abroad or study away as domestic exchange students must receive approval from the office of international and off-campus programs, department chairs or program directors, and the registrar's office for all course work prior to enrolling.
- A letter grade of 'C-' or higher is required to earn transfer credit. 'D+' and below will not earn transfer credit at Colorado College. Courses for which a Pass or Satisfactory was earned at another college will earn credit at Colorado College ONLY if the college/university can provide verification that the student passed with a letter grade of "C-" or higher.
- Courses must be substantially similar to Colorado College courses, and cannot duplicate, overlap, or regress from previous work.
- One Colorado College unit is equivalent to 4 semester hours, or 6 quarter hours.

- Grades do not transfer to Colorado College and are not calculated into the Colorado College GPA (grade point average).
- For college study during secondary school, please see additional requirements listed under Advanced Placement credit.
- Courses taken in disciplines offered at Colorado College are evaluated by the registrar in consultation with department chairs or program directors. The department chair or program director is the final authority on credit earned in his/her discipline.

Credit can be awarded for liberal arts courses taken in disciplines not offered by CC upon review by the registrar. If approved, these courses will be awarded general elective credit.

## Procedures

None

## Definitions

None

## Anti-discrimination Policy and Procedures

**\*\*PENDING LEGAL REVISIONS\*\***

Responsible office

Title IX

Responsible party

Title IX Coordinator and Deputy Title IX Coordinators

Last revision

November 2018

Approved by

Board of Trustees

Approval date

June 2019

Effective date

July 2019

Last review

November 2018

Additional references

None

## Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## Policy

Colorado College does not discriminate and does not tolerate discrimination against students,

faculty, staff, applicants for admission and employment, and visitors, in its education programs and activities and its employment practices on the basis of race, color, national or ethnic origin, marital status, disability, religion, veteran status, age or any other status protected under local, state or federal law. Discrimination includes harassment, which includes a wide range of abusive and humiliating verbal or physical behaviors that are directed against a particular person or persons because of one or more of the above protected characteristics. This includes creating a “hostile environment” where the conduct is sufficiently severe or pervasive to alter the conditions of the person’s employment or educational experience at the college. The college further believes that students, faculty, staff, applicants for admission and employment, and visitors have the right to be free from retaliation for reporting or participating in the investigation of alleged violations of this policy or in any related proceeding, including a criminal proceeding or a proceeding with a government agency. (All of the highlighted terms in this policy are defined below.)

Individuals who engage in such conduct will be subject to disciplinary and other remedial action under this policy. In addition to violating this policy, such conduct also may violate certain civil and criminal local, state and federal laws, including but not limited to Title VI and VII of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, the Age Discrimination Act of 1967, and the Age Discrimination Act of 1975, all as amended.

This purpose of this policy is to strive to prevent discrimination, harassment, and retaliation by educating students, faculty, and staff about behaviors that may constitute prohibited conduct. When prohibited conduct does occur, this policy guides affected students, faculty, and staff to support services, interim measures and other resources, and explains the procedures for how conduct may be reported, investigated and addressed. The college is committed to procedures that are equitable for everyone involved, including the reporting party (and the subject of an alleged violation if not the reporting party) and the responding party. The college strives to impartially and reliably investigate alleged violations of this policy, and take prompt and appropriate action when violations are found to have occurred so as to prevent their recurrence and remedy their effects.

The college requires faculty and staff to promptly report conduct that may violate this policy to the Title IX coordinator or one of the deputy Title IX coordinators.

The college also strongly encourages students, applicants for admission and employment, and visitors to promptly report conduct that may violate this policy. Even when a report is not made, the college will promptly and appropriately address conduct of which it becomes aware that may violate this policy. Finally, the college strongly encourages the prompt reporting of any conduct that may be criminal in nature to law enforcement.

Members of the college community should understand that standards of civility, consideration, and tolerance must shape our interactions with one another, regardless of whether the violation of such standards subjects one to sanctions under this policy. Certain types of behavior may be inappropriate even though it may not violate this policy and/or applicable law.

This is the controlling policy at the college addressing any form of discrimination or harassment other than gender-based discrimination, sexual harassment, and sexual violence, as well as retaliation associated with any prohibited conduct under this policy. The college community should also be aware of the college’s Gender-Based Discrimination, Sexual Harassment, and Sexual Violence Policy and Procedures, which address discrimination, harassment and retaliation that is based on gender-based discrimination, sexual harassment and sexual violence.

This policy may be interpreted, applied or changed by the college at any time, as determined

solely by the college and this version of the Policy supersedes all prior versions. This policy does not create any contractual rights with any third party, including with students, faculty or staff, applicants or visitors. The college retains sole discretion to take appropriate action depending on the facts and circumstances of any particular situation and consistent with applicable law and the College may deviate from this Policy as it determines necessary and consistent with applicable law.

## **RELATIONSHIP TO OTHER POLICIES**

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental or other policies and expectations and the common approach described in this college policy, this policy will control.

### **I. SCOPE**

This Policy applies to students, faculty, staff, applicants for admission to or employment with the College, visitors or any third party who otherwise has some relationship with the College. The conduct prohibited by this Policy may be committed by any individual (or group) against any other individual (or group), regardless of such individual's (or group's) race, color, national or ethnic origin, marital status, disability, religion, veteran status, age or other protected status.

This Policy protects individuals in connection with all the academic, educational, employment, extracurricular, athletic, and other programs of the College, whether those programs take place in a College facility or on campus, at an off-campus class, program or activity sponsored by the College, or on College-provided transportation. Additionally, the Policy protects individuals who experience prohibited conduct off-campus when the conduct has continuing effects on the individual in the College setting. Incidents should be reported to the College as soon as possible after an incident occurs, but there is no statute of limitations for reporting an incident to the College; *provided, however*, that the timing of when an alleged incident occurred may affect the College's ability to respond to the incident, including whether a report will be investigated or dismissed. The College generally will not investigate an incident, or may summarily dismiss or close a case, when the College does not have jurisdiction to take action against the alleged responding party. In such a situation, the College may nevertheless provide remedial or interim measures to the reporting party and/or other affected parties, if necessary, and otherwise engage in education and other appropriate follow-up based on the nature of the incident.

### **II. DEFINITIONS**

Please see [\*\*Definitions\*\*](#) section below Procedures.

### **Procedures**

### **III. PROCEDURES FOR ADDRESSING AND REPORTING DISCRIMINATION, HARASSMENT, RETALIATION, AND OTHER PROHIBITED CONDUCT**

If you are a student, faculty, staff, visitor, or applicant for admission to or employment with the College who has been subjected to, or who has knowledge of, alleged discrimination, harassment, or retaliation, you may make a complaint or report with the Title IX Coordinator or a Deputy Title IX Coordinator, which may be resolved through informal or formal resolution procedures described in this Policy. These are not mutually exclusive, meaning that you may pursue an informal resolution procedure, but then at any time choose to pursue formal resolution procedures.

## A. Filing a Complaint or Otherwise Reporting Alleged Prohibited Conduct.

i. If you wish to report an incident involving alleged discrimination, harassment, or retaliation, you may do so by using the on-line reporting system, which can be found here: [https://cm.maxient.com/reportingform.php?ColoradoCollege&layout\\_id=40](https://cm.maxient.com/reportingform.php?ColoradoCollege&layout_id=40). You also may report the incident to one of the following College officials:

**The College's Title IX Coordinator:** If the responding party is a student, staff, or faculty, you may report to the College's Title IX Coordinator. The College's Title IX Coordinator is Heather Kissack, the Associate Vice President of Human Resources, and she can be reached by calling extension 6202 or (719) 389-6202, emailing [hkissack@coloradocollege.edu](mailto:hkissack@coloradocollege.edu), or going to Spencer Center, Suite 101.

**Deputy Title IX Coordinator for Students:** If the responding party is a student, you may report to the College's Deputy Title IX Coordinator for Students. The College's Deputy Title IX Coordinator for Students is Rochelle Dickey-Mason, the Senior Associate Dean of Students, and she can be reached by calling x6800 or (719) 389-6800, emailing [RMason@coloradocollege.edu](mailto:RMason@coloradocollege.edu), or going to Worner Center 230.

**Deputy Title IX Coordinator for Employees:** If the responding party is a staff member, you may report to the College's Deputy Title IX Coordinator for Employees. The College's Deputy Title IX Coordinator for Employees is Kara Deschenes, and she can be reached by calling extension 6194 or (719) 389-6194, emailing [kdeschenes@coloradocollege.edu](mailto:kdeschenes@coloradocollege.edu), or going to Spencer Center, 109.

If you wish to report an incident that involves alleged misconduct by the Title IX Coordinator or one of the Deputy Title IX Coordinators, you may report such alleged incident to the Vice President for Student Life/Dean of Students, the Senior Vice President for Finance and Administration, or the President of the College, and they will determine the appropriate individual to oversee the investigation and handling of the reported incident in accordance with this Policy.

If you contact one of these individuals they will assist you in completing a written complaint/report form. They can also assist you with the on-line reporting process, if you need help. Reporting an incident on-line or to one of these individuals should be done as soon as possible after the incident occurred. However, there is no statute of limitations on such complaints, although the timing of when an alleged incident occurred may affect the College's ability to respond to the complaint, including whether a report will be investigated or dismissed. The College generally will not investigate an incident, or may summarily dismiss or close a case, when the College does not have jurisdiction to take action against the alleged responding party. In such a situation, the College may nevertheless provide remedial or interim measures to the reporting party and/or other affected parties, if necessary. Nevertheless, the College welcomes complaints at any time, in our attempt to maintain a safe and productive educational community.

Once the complaint procedures have been initiated, the complaint will be investigated and/or otherwise resolved in a manner deemed appropriate by the College, even if the reporting party, the subject of the alleged violation (if not the reporting party), or the responding party leaves the College; *provided, however*, that the College may decide to resolve a case differently if the responding party leaves the College than it otherwise would if the responding party remains at the College.

ii. If you report an incident to someone other than the above-listed individuals (for example, to a professor or a supervisor), they will refer the incident to the Title IX Coordinator or a Deputy Title IX Coordinator who will then determine the appropriate action to take. You may be contacted to determine if you would like to file a complaint or otherwise participate in an investigation.

iii. The Title IX Coordinator may decide to initiate a complaint with the College acting as the reporting party.

iv. If a complaint regarding a student also alleges violations of the Student Honor and Community Standards Policies and Procedures or other College policies, those allegations will be investigated pursuant to the same process that alleged violations of this Policy are investigated or those allegations may be investigated separately, in the College's sole discretion.

v. As part of the intake process, the Title IX Coordinator or a Deputy Title IX Coordinator will determine if a complaint falls under this Policy or should be referred to another College official.

vi. Once a complaint is made or an incident has otherwise been reported, the informal resolution procedures may be pursued, if the involved parties are interested in, and agree to participate in an informal resolution procedure. The informal resolution procedures are voluntary and may be stopped at any time by any involved party. If informal resolution procedure are not pursued, the following formal procedures will be followed.

vii. If multiple complaints or reports are received involving some of the same involved parties (for example, if multiple students report that the same student has engaged in different incidents of alleged conduct prohibited by this Policy), the College will determine how to address such multiple complaints or reports, including whether such complaints or reports should be investigated together or separately, and including whether some may be resolved through informal resolution procedures and some may be resolved through the formal resolution procedures.

**B. Informal Resolution Procedures:** Students, faculty or staff may pursue a voluntary informal resolution procedure for resolving some types of prohibited conduct under this Policy. However, informal resolution procedures may not be appropriate to resolve all allegations of discrimination, harassment, or retaliation. Before parties agree to participate in an informal resolution procedure, they will be provided full disclosure of the allegations and their options for formal resolution procedures, provided that a complaint or report has been made. Sometimes informal resolution procedures may be pursued for a particular situation when there has not been a complaint or other report of prohibited conduct under this Policy.

You may contact one of the advisors listed below to pursue informal resolution: Associate Dean of the College; Co-Chairperson of the Diversity and Equity Advisory Board; College Chaplains; College Vice Presidents; Dean of the College; Associate Dean of the Faculty; Dean of Students; Senior Associate Deans of Students; Title IX Coordinator; Deputy Title IX Coordinators; Director of Human Resources; ADA/504 Coordinator; Assistant Vice President and Director of the Butler Center; International Students Advisor; and Residential Life and Housing professional staff.

Informal resolution procedures may include the following:

i. The reporting party may communicate directly, orally or in writing, with the person who has engaged in the allegedly prohibited conduct, and ask that person to cease the behavior. This informal procedure can be done with or without the involvement of any third party.

One of the above listed individuals could help in facilitating communication with the responding party where the reporting party (or the subject of an alleged violation) should not communicate directly with the responding party.

ii. The reporting party (and/or the subject of an alleged violation) and the responding party may discuss and attempt to resolve the matter informally with the assistance of one of the individuals listed above or a mediator.

iii. All aspects of the informal resolution procedures will remain confidential to the extent possible; however, the College cannot guarantee confidentiality in cases where such protection allows the behavior to continue, such that future harm is possible, or the College otherwise has an obligation to address the behavior or disclose it on a need-to-know basis.

iv. There may be other informal resolution procedures not described here that are used by the parties and the College, if determined appropriate for a particular situation, and if agreed upon by the parties. For example, a restorative justice approach may be offered to the parties, and used as an approach to address a complaint or report of prohibited conduct under this Policy.

v. Informal resolutions may be documented in writing by the College, and signed by the involved parties.

vi. The reporting party (and/or the subject of an alleged violation) or the responding party may at any time end the informal resolution process and pursue the formal resolution procedures (described below). Further, the College's Title IX Coordinator or the applicable Deputy Title IX Coordinator may determine that a particular incident is not appropriate for the informal resolution process, but instead is sufficiently serious to require immediate interim measures, resolution through the formal resolution procedures, and/or reporting to the local police.

## **C. Formal Investigation and Resolution Procedures:**

### **i. Investigation and Adjudication Procedures**

1. Once a written complaint is submitted, the responding party will be notified in writing within 24 hours, if possible, of the factual allegations in the complaint and the provisions of this Policy and any other applicable policy alleged to have been violated, and the College's prohibition against retaliation.

The responding party will then have 7 calendar days to respond in writing to the complaint and/or file a cross-complaint, all of which will be decided in the same investigation and adjudication process. If a cross-complaint is filed by a reporting party (also referred to as the cross-reporting party), the original reporting party (also referred to as the cross-responding party) will be notified in writing of the cross-complaint and will have 7 calendar days to respond in writing to the cross-complaint.



Any complaint or cross-complaint that is filed in bad faith (*i.e.*, that lacks any reasonable basis and is intended to harass, embarrass or delay the other party) may be found to be retaliation against the reporting party who filed the original complaint or against the responding party, and may be a separate violation of this Policy.

If no response is received from the responding party (or from a cross-responding party, in response to a cross-complaint), the formal resolution procedures will still move forward, unless the reporting and responding parties have decided to participate in informal resolution procedures (as described above), in which case the formal resolution procedures will be temporarily halted and resumed if the informal resolution procedures do not result in a resolution.

2. The reporting party and the responding party are responsible for providing appropriate contact information to the College, if different than the contact information on file with the College. In addition, if a reporting party or responding party chooses not to participate in the investigation, that is their choice. However, a reporting party and a responding party may not dictate the timing of their participation, and may not delay their participation or otherwise attempt to participate at the end of the process when the investigation is otherwise completed. The Title IX Coordinator and the assigned investigator(s) may advise a reporting party or a responding party that their requested participation in the process is too late if they have otherwise been given a full and fair opportunity to participate in a timely manner.

3. The Title IX Coordinator or the applicable Deputy Title IX Coordinator will choose one or two impartial investigators to investigate the complaint.

a. For cases involving allegations regarding students, the investigators will be trained College staff members.

b. For cases involving allegations regarding employees, the investigators will be trained College staff and/or faculty members.

c. For cases involving allegations regarding the Title IX Coordinator or a Deputy Title IX Coordinator, the Vice President for Student Life/Dean of Students, the Senior Vice President for Finance and Administration, or the President will appoint an appropriate investigator or investigators to investigate the complaint.

d. For cases involving allegations regarding the President, the Senior Vice President for Finance and Administration, or the Provost, the Title IX Coordinator will contact the Executive Committee of the Board of Trustees. The Executive Committee will appoint an appropriate investigator or investigators to investigate the complaint.

e. The College may utilize external trained investigators in its discretion, if appropriate. Cases in which an external investigator may be used include, but are not limited to, cases in which there is a pending complaint or case filed with an external agency or court, and cases which are particularly complex.

4. The name(s) of the investigator(s) will be disclosed to the reporting party and the responding party, and if either the reporting party or responding party has objections

to an investigator (for example, a reporting party or responding party does not believe that an investigator can be impartial), they must notify the Title IX Coordinator or the applicable Deputy Title IX Coordinator of their objection in writing within three business days of being advised of the names of the investigators. The College retains sole discretion on whether to replace any investigator originally chosen. If at any time during the subsequent investigation, the reporting party or responding party has concerns about the formal resolution procedures/investigation process, they should contact the College's Title IX Coordinator or the applicable Deputy Title IX Coordinator to discuss their concern.

5. Once chosen, the investigator(s) will review the complaint and response, and conduct an adequate, reliable and impartial investigation into the allegations, which will include obtaining and evaluating available evidence. The investigator(s) will communicate individually with both the reporting party and the responding party and may contact other witnesses. The reporting party and responding party may provide information to the investigator(s), including documents and the names of potential witnesses. The investigator(s) will not interview, and the College will not consider, witnesses who are presented solely for purposes of supporting or criticizing a person's character or reputation. Interviews will only be conducted of witnesses with knowledge of the facts surrounding the alleged incident(s). The number of witnesses that are interviewed in each case will vary depending on the facts; however, the investigators will strive to interview at least three witnesses offered by each side. The reporting party and responding party will be kept apprised of the status and anticipated timeframes of the investigation.

6. The reporting party or responding party may have an advisor of their choice to assist them through the formal resolution process. This advisor may be an attorney, or the College can provide a trained College process advisor. The advisor is for support and information only and cannot actively participate in the investigation and adjudication process. The advisor may attend interviews or proceedings, but they cannot speak or actively participate in the interview or proceeding. Further, advisors cannot communicate orally or in writing with the investigators or any other College official involved in the investigation and adjudication process.

7. Once the investigator(s) has completed the investigation, including all interviews, the investigator(s) will prepare a document summarizing the pertinent facts. The summary, along with the statements of the reporting party and the responding party, will be separately shared with both the reporting party and the responding party so that each can respond to the evidence and provide any additional evidence to the investigator(s). The investigator(s) will then decide whether additional interviews or other fact-gathering are necessary before preparing their final written report. If any additional information is added to the investigation after the reporting and responding parties have responded to the evidence, the additional information will be shared with the parties before the investigation is completed.

8. The standard of proof used to determine whether a violation of the Policy has occurred is a "preponderance of the evidence" meaning that the evidence shows that it is more likely than not, or more than a 50% likelihood, that the individual is responsible for the violation.

9. When the investigator(s) complete the investigation, the investigator(s) will prepare a final written report, which will include factual findings and recommended

findings as to whether the responding party/cross-responding party is responsible for violating this Policy or any other related Policy. The report will address the credibility of the witnesses, and will address how any credibility issues were resolved, if necessary. The written report will be submitted to the Title IX Coordinator, the applicable Deputy Title IX Coordinator, and to the final decision-maker: the Dean of Students or their designee (for Complaints regarding students); the Associate Vice President of Human Resources (for Complaints regarding staff); and the Dean of the Faculty (for Complaints regarding faculty).

10. The final decision-maker will review the report and decide whether to impose one or more sanctions if one or more violations of Policy have been found. In deciding appropriate sanctions, the decision-maker may consider various factors, including but not limited to the following: The nature and severity of the conduct, including whether the conduct involved a single incident or repeated acts;

- a. The impact of the conduct on the reporting party (or cross-reporting party), other individuals and/or the community;
- b. The individual's conduct history;
- c. How the College has sanctioned similar incidents in the past;
- d. Whether the responding party (or cross-responding party) has accepted responsibility;
- e. Whether the responding party (or cross-responding party) is reasonably likely to engage in the conduct in the future; and
- f. Any mitigating or aggravating circumstances with respect to either party.
- g. Any mitigating or aggravating circumstances with respect to either party.

11. The final decision-maker may impose any sanction on a student or group of students, which may include one or more of the following sanctions (in alphabetical order):

- **Deferred Sanction:** A sanction of suspension or dismissal may be deferred pending a student's successful completion of conditions imposed by the Vice President for Student Life/Dean of Students, or their designee; these conditions may include other sanctions.
- **Disciplinary Probation:** A formal notice that any additional findings of responsibility will likely result in suspension or dismissal from the College.
- **Dismissal:** Permanent exclusion from the College, its premises, and all of its activities.
- **Educational Sanctions:** Required attendance at an event or interview that is relevant to a specific topic. This is often accompanied by a reflection/research paper. Participating and completing relevant educational programs or trainings, and paying the cost of such programs.
- **Fine:** A monetary sanction issued in the form of a charge to a student account or a

deduction from the Housing & Conferences housing damage deposit.

- **Housing Restriction:** Official notice from the College that any additional findings of responsibility will likely result in relocation to a different (usually more supervised) residential community. Students sharing a room/apartment are responsible for the activities in that space and thus all students sharing a room/apartment may be placed on housing restriction, regardless of who was present at the time of an incident.

- **Official Conversation: A documented conversation with a College official.**

- **Official Warning:** A written notice from the College that the conduct is unacceptable.

- **Persona Non Grata:** Prohibiting entry on campus (or at specific places on campus) and/or at College-related events, for a specific amount of time or indefinitely.

- **Reflection/Research Papers:** A document requiring critical analysis and articulation of a specified topic.

- **Restitution:** A monetary or service sanction required to pay for the cost of repairing or replacing physical damage or any other cost incurred as a result of the student's conduct.

- **Roommate Agreement:** A mutually agreed upon written contract that students sharing a living space create and agree to uphold.

- **Room Change:** Relocation to a different (usually more supervised) residential community.

- **Suspension:** Exclusion from the College with the opportunity to rejoin after a designated time period. During a suspension, the student generally cannot participate in any College activities such as academic coursework, student employment, student activities, or College events. The student cannot be on College property for the duration of a suspension and will receive no financial refunds. Return to campus may be contingent upon completing specified requirements. Students who are suspended generally may not take classes at other institutions for credit. In rare cases, the Vice President for Student Life/Dean of Students, or their designee, may make an exception.

The following additional sanctions (in alphabetical order) may be imposed on a group of students:

- **Disciplinary Probation:** A formal written notice that any additional conduct violations could result in suspension of the student group's status.

- **Social Probation:** Limiting the student group's social activities including, but not limited to, limitations on living units, Greek chapters, and student organizations.

- **Suspension of Status:** Suspending recognition, registration, or chartering of a student group.

*Note:* A student may be required to attend an assessment with a counselor or other appropriate professional to assess if further action by the College is warranted due to conduct impacting the sanctioned student or the surrounding community. The sanctioned student will be responsible for the cost of the assessment. If assessment results indicate a need for further action or follow-up, that will be required. Students not facing conduct sanctions may still be required to participate in an assessment if there are concerns for student well-being.

12. **Student Withdrawal:** If a student who is a responding party (or a cross-responding party) decides to voluntarily withdraw from the College during a pending investigation or adjudication process, the student's record may reflect that the student withdrew during a pending Title IX process. Whether the student is eligible for re-admission or is allowed on campus thereafter depends on how the complaint is processed after the student's withdrawal, including whether the student participates in the investigation and is found responsible for one or more Policy violations. If a student withdraws, the College generally will continue the investigation, although the College may elect to conclude the investigation if the reporting party and/or the responding party do not participate in the continued investigation. Even if an investigation is concluded due to the lack of participation by the reporting and responding parties, the College will take any remedial measures that are necessary in light of the circumstances and to comply with applicable law. The College reserves sole discretion to determine how to proceed with a case when either a reporting or responding party withdraws from the College or otherwise leaves the College while a case is still open.

13. One or more appropriate sanctions may be imposed at the College's sole discretion on faculty and staff including, but are not limited to, the following:

- **Verbal Warning**
- **Written Warning**
- **Performance Improvement Plan**
- **Suspension**
- **Termination**

If an employee who is a responding party (or a cross-responding party) decides to resign or otherwise leaves the College during a pending investigation, the employee's personnel record may reflect that the employee withdrew during a pending Title IX (or other applicable law or policy) process. Whether the employee is eligible for re-hire or is allowed on campus thereafter depends on how the complaint is processed after the employee's departure. If an employee who is a responding party leaves the College, the College may continue the investigation, although the College may elect to conclude the investigation if the reporting party and/or the responding party do not participate in the continued investigation. Even if an investigation is concluded due to the lack of participation by the reporting and responding parties, the College will take any remedial measures that are necessary in light of the circumstances and to comply with applicable law. The College reserves sole discretion to determine how to proceed with a case when either a reporting or responding party who is an employee leaves the College while a case is still open.

14. In addition to discipline, the College will take any remedial measures that are necessary to remedy the effects of any discrimination, harassment and/or retaliation found to have occurred, including if a responding party found responsible is a visitor or other third party over whom the College has limited, if any, authority. For example, the College may bar the person from the campus and all College activities.

15. The responding party and reporting party will be notified of the final decision in writing as to whether a violation is found to have occurred and, if so, the sanction imposed, in the form of a letter issued by the Senior Associate Dean of Students (for complaints regarding students), the Associate Vice President of Human Resources (for complaints regarding staff), and the Dean of the Faculty (for complaints regarding faculty). The notice shall be in sufficient detail to enable the parties to understand the outcome, and to decide whether to appeal.

16. Confidentiality of the formal resolution procedures will be strictly observed, insofar as it does not interfere with the College's obligation to investigate complaints appropriately and to take necessary remedial action, or the College's ability to advise or report on a need-to-know basis. Dissemination of information or materials to persons not involved in the formal resolution procedures is not permitted, unless required by law or on a need-to-know basis. When a complaint is made by or regarding a member of the faculty or staff, if deemed appropriate by the Title IX Coordinator, the supervisor of the faculty or staff member will be informed.

17. If the investigator(s) finds that a complaint or cross-complaint was not brought in good faith, and that the allegations of misconduct were fabricated or malicious, it may recommend that sanctions be imposed on the reporting party or cross-reporting party. However, allegations of violations of the Policy cannot always be substantiated, and lack of corroborative evidence does not equate to lack of good faith on the part of the reporting party or the cross-reporting party.

## **ii. Appeals**

1. Either the reporting party or the responding party may appeal in writing the final finding of responsibility or non-responsibility based only on one or more of the following reasons:

- a. **New Evidence or Information:** New evidence or information sufficient to alter a decision, or other relevant facts not known at the time of the original investigation.
- b. **Failure of Investigative or Decision Making Process:** Allegations that the investigators or decision-makers deviated from the Policy in a way that substantially altered the outcome of the case.
- c. **Bias in Investigative or Decision Making Process:** Evidence that an investigator or decision-Maker had bias or a conflict of interest, and such bias or conflict of interest affected the outcome of the case.

Disagreeing with an imposed sanction is not a ground for an appeal.

2. **Appeal Procedures:**

- a. The reporting party and the responding party each may appeal the decision,

but each is limited to submitting one appeal per case. Written appeal requests should include: The grounds for the appeal; supporting documentation; and information and arguments relevant to support the appeal.

b. Appeals by students will be decided by the Vice President of Student Life/Dean of Students, appeals by faculty will be decided by the Provost, and appeals by staff will be decided by the Senior Vice President of Finance and Administration, or their respective designees.

c. Anyone that wishes to appeal must submit the appeal in writing on the provided form to the Vice President of Student Life/Dean of Students (for appeals by students), the Provost (for appeals by faculty, or the Senior Vice President of Finance and Administration (for appeals by staff) within seven calendar days of receiving the letter (not including the date of receipt) outlining the finding of responsibility or non-responsibility.

d. If the responding party wishes to have a sanction suspended pending the outcome of the appeal, the responding party must request this when they request an appeal. It is within the sole discretion of the College to grant a suspension of the sanction pending an appeal determination.

e. Appeals will be decided by the Vice President of Student Life/Dean of Students or their designee (for appeals by students), the Provost or their designee (for appeals by faculty), or the Senior Vice President of Finance and Administration or their designee (for appeals by staff).

f. Upon receipt of an appeal, the appeal will be reviewed, and the Vice President of Student Life/Dean of Students or their designee (for appeals by students), may decide to deny the appeal without further process if it is apparent that there is no basis for the appeal or that it otherwise is without merit. In such case, both the reporting party and the responding party will be notified of the decision, and the party who did not submit the appeal will be provided a copy of the appeal but will not need to provide any response since the appeal is denied.

g. If an appeal is not denied without further process, the non-appealing party and the decision-maker will be provided a copy of the appeal, and will be provided a designated time period to respond to the appeal. The non-appealing party and the decision-maker shall keep the content and fact of the appeal confidential to protect the integrity of the appeal process. The College may redact information from the appeal that is confidential or otherwise not appropriate to share with the other party.

h. The Vice President of Student Life/Dean of Students, or their designee (for students), the Provost or their designee (for faculty), or the Senior Vice President of Finance and Administration, or their designee (for staff), will review the appeal materials, along with the underlying record of the case, to determine whether there are sufficient grounds for the appeal to move forward.

i. If it is determined that an appeal should move forward, the Vice President of Student Life/Dean of Students, the Provost, or the Senior Vice President of Finance and Administration, or their designee, may decide the appeal

themselves, or three individuals will be designated to sit as an Appeal Panel to review the appeal and make a recommendation on its outcome. The Appeal Panel members will be chosen from appeals board. Whether or not to appoint an Appeal Panel to decide an appeal will be decided in the College's sole discretion.

j. The Vice President of Student Life/Dean of Students, the Provost, or the Senior Vice President of Finance and Administration, or their designee, or the Appeal Panel (if one has been appointed) will review the appeal materials, including the underlying record of the case, and may interview the Investigators or any other person that participated in the investigation and decision-making process. In deciding an appeal, the individual or the Appeal Panel will not substitute their judgment for that of the investigators or the decision-Maker and will limit their review to the three grounds for appeal stated above: (1) new evidence or information; (2) failure in investigative or decision making process; and (3) bias in decision making process. If an Appeal Panel has been appointed, it will make a recommendation on the outcome of the appeal to the Vice-President of Student Life/Dean of Students, or their designee (for students), the Provost or their designee (for faculty), or the Senior Vice President of Finance and Administration, or their designee (for staff).

k. The recommendation by the Appeal Panel, if any, and the decision on the appeal by the Vice-President of Student Life/Dean of Students, or their designee (for students), the Provost or their designee (for faculty), or the Senior Vice President of Finance and Administration or their designee (for staff), are in their sole discretion, and may include, but are not limited to, the following; the original decision may be upheld, modified or reversed (which includes the possibility that different or additional sanctions may be imposed); the case may be referred for additional investigation by the same or different investigator(s); or the case may be referred for some other appropriate resolution.

l. The final appeal decision will be sent to the reporting party and the responding party in a letter. This final decision cannot be appealed.

**iii. Timeline for Investigation and Adjudication Procedures:** The application of the formal resolution procedures to any case must be promptly completed, with the reporting party and responding party being informed of the outcome, excluding any outcome of an appeal, generally no more than 60 days from the date of submission of the complaint. However, stated timelines under the formal resolution procedures may be extended for good cause, including if the parties participate in an informal resolution procedure. The timeframe for the appeal process is outside of the 60-day time period, but any appeal will be conducted in a timely manner and generally will be decided within 30 days from submission of the appeal.

**iv. Post-Decision Follow-Up:** Should the respondent be found to have committed a violation of the Policy, the Title IX Coordinator or the applicable Deputy Title IX Coordinator, will follow-up with the reporting party and the responding party, if necessary, periodically to ensure that the prohibited conduct has ceased, no acts of retaliation have occurred, and otherwise to address any issue that may arise.

**v. Continuing Effects:** The College acknowledges that even after a sanction is served, a reporting party may feel continuing effects of the incident. The College retains discretion



to address continuing effects by instituting reasonable measures.

#### IV. INTERIM MEASURES, ACCOMMODATIONS, AND REMEDIES

A. At any time, the College may take, or a reporting party, responding party, witness or other individual involved in the enforcement of this Policy, may request, whatever interim measures, accommodation or remedies necessary and appropriate to eliminate alleged discrimination, harassment, or retaliation, prevent its recurrence and address its effects, and/or protect an individual's safety, physical and mental well-being, and rights.

Such interim measures, accommodations and remedies include but are not limited to:

i. Safety accommodations, which may include reporting to local police, or obtaining protection orders from a Court. **If safety is an immediate concern, you are encouraged to contact Campus Safety or the Colorado Springs Police Department.**

**To reach Campus Safety:** For emergencies, call x6911 on campus or (719) 389-6911 off campus. For non-emergencies, call x6707 on campus or (719) 389-6707 off campus. You may also go to Campus Safety at 833 N. Tejon Street.

**To reach the Colorado Springs Police Department:** Call 911 (or 9-911 from an on-campus phone) for emergencies and (719) 444-7000 for non-emergency situations.

ii. Modifying a reporting party, responding party, or witness's living arrangements, class schedule, extracurricular activities, or working arrangements;

iii. Ordering the reporting and responding parties to have no contact with each other and/or other third parties;

iv. Removing a responding party (or cross-responding party) from campus and/or temporarily suspending them;

v. Providing support resources, including academic support, counseling, disability services, and health and mental health services; and

vi. Targeted training or other education related to the incident.

B. Any interim measure, accommodation or remedy may be imposed at any time after prohibited conduct has become known to the College; *provided*, however, that a reporting party or a responding party will have an opportunity to respond to a proposed interim measure, accommodation or remedy that affects them, unless the College is unable to do so in order to ensure the safety of the College community or the College otherwise has sufficient information to warrant the immediate implementation of the interim measure, accommodation or remedy. For example, before a responding party is temporarily suspended pending an investigation and adjudication of a complaint, the responding party will be advised of the allegations and provided with an opportunity to respond to the allegations. The College has sole discretion on what type of interim measures, accommodations or remedies to implement.

#### V. MISCELLANEOUS

**A. Education and Training of College Community:** In addition to their other duties and responsibilities under this Policy, the Gender-Based Discrimination, Sexual Harassment and Sexual Violence Policy, and applicable law, the College's Title IX Coordinator and the

Deputy Title IX Coordinators have the responsibility of educating students, faculty, and staff regarding this Policy, and the nature and negative consequences of discrimination, harassment, and retaliation. Their responsibilities also include: conducting workshops for students, faculty, and staff; training members of the College community involved in the enforcement of this Policy, including investigators, Appeal Panel members, and others to ensure that they understand the Policy, applicable law, and their obligations in enforcing this Policy; and training students, faculty, and staff about how to identify and report alleged discrimination, harassment, and retaliation, and active bystander intervention techniques, to include watching out for the safety and well-being of College community members.

**B. Recordkeeping and Reporting:** The College will comply with all recordkeeping obligations required by applicable law. The College may report violations of this Policy to other employers, educational institutions, and other third parties as required or allowed by law, as authorized by a current or former student or current or former employee, or as otherwise determined in the best interests of the College.

If you have any questions about recordkeeping and reporting, including when and how information is reported to third parties, contact the Student Life Office if you are or were a student, and contact the Associate Vice President of Human Resources if you are or were a faculty or staff member or an applicant for employment.

**C. Allegations Related to Academic Freedom:** If allegations are made about faculty conduct in the classroom and in other academic contexts that may implicate academic freedom, the Title IX Coordinator may consult with the Provost of the College and/or the Dean of the Faculty regarding any issues of academic freedom.

**D. Disability Accommodation.** If you need an accommodations based on a disability, you should contact Accessibility Resources (located at Armstrong Hall, Room 219, 719/227-8285), the ADA/504 Coordinator, or the Director of Human Resources (if you are a faculty or staff member).

**E. Religious Accommodation.** If you need an accommodations based on your religion, you should contact the Office of Student life if you are a student, or the Director of Human Resources if you are a faculty or staff member.

If you have questions about the Anti-Discrimination Policy and Procedures, you should contact the Title IX Coordinator or a Deputy Title IX Coordinator or any of the advisors listed in the informal resolution procedures section of this Policy.

## Definitions

**A. Discrimination:** Treating a person (or group) unfavorably or differently because of that person's (or group's) race, color, national or ethnic origin, marital status, disability, religion, veteran status, age or other protected status. Discrimination is particularly condemned when it exploits and jeopardizes the trust that should exist among members of an educational institution. To preserve a work and study atmosphere that fosters such trust, the college affirms the principle that students, faculty, and staff must be treated equitably and evaluated on the basis of merit rather than irrelevant criteria. When a person intentionally or inadvertently abuses the power and authority inherent in his or her position, there can be negative consequences both to the individuals involved as well as to the educational and working environment of the college.

**B. Harassment:** Harassment based on a person's (or group's) race, color, national or ethnic origin,

marital status, disability, religion, veteran status, age or other protected status is a form of discrimination. Harassment includes a wide range of abusive and humiliating verbal or physical behaviors that are directed against a particular person or group. In some cases, the conduct may be such that it is clear that it is directed against a particular person or persons, even though the person(s) may not be explicitly identified. Harassment includes conduct that has the purpose or effect of unreasonably interfering with a person's academic or work performance, or creating an intimidating, hostile, or offensive educational or working environment (otherwise known as hostile environment harassment). Harassment has the purpose or effect of unreasonably interfering with a person's academic or work performance if, for example, it is sufficiently serious, pervasive or persistent as to create a hostile environment under both an objective (i.e., a reasonable person's view) and subjective (i.e., the subject of an alleged violation's view) standard. The college will consider the effects of off-campus conduct when evaluating whether there is a hostile environment on campus. To be the subject of an alleged violation, one need not be the direct recipient of the conduct; anyone affected or offended by the conduct may be a subject.

Harassment may include but not be limited to: unwelcome texts, phone calls, internet-based communications, or other electronic communications that are based on a person's (or group's) race, color, national or ethnic origin, marital status, disability, religion, veteran status, age or other protected status.

**C. Reporting party:** A person reporting an alleged violation(s) of the policy. The reporting party may or may not be the subject of an alleged violation.

**D. Responding party:** A person who is accused of violating the policy who must respond to the allegation(s).

**E. Retaliation:** Any adverse or negative action or behavior against an individual as a consequence of such individual: raising good faith concerns about conduct prohibited by this policy; opposing discrimination or harassment; reporting, making a complaint, cooperating, and/or participating in any way in the college's procedures under this policy (including as a witness); or otherwise participating in a process administered by any other third party (including, for example, a criminal process or a complaint with a government agency). Retaliation may result in immediate disciplinary action. Examples of retaliation include but are not limited to:

- i. Attempting to discourage an individual's use of or participation in the procedures addressed in this policy.
- ii. Harassment (verbal or physical), coercion, intimidation, or threatening of any member of the college community, including a reporting party or responding party, subject of an alleged violation (if not the reporting party), witnesses, investigators or others involved in the process.

**F. Subject of an alleged violation:** The person to or against whom conduct prohibited by this policy is directed. The subject of an alleged violation may or may not be the reporting party. The subject of an alleged violation may choose not to report the alleged violation or may otherwise not be the one who reports the alleged violation, but who nevertheless is covered by this policy and is able to participate in the procedures and pursue the resources set forth in this policy.

**G. Title IX Coordinator and Deputy Title IX Coordinators:** The Title IX coordinator and the deputy Title IX coordinators oversee the college's response to discrimination, harassment and retaliation reports and complaints, including those made under this policy, and other duties and responsibilities as required by law.

- The College's Title IX Coordinator is Heather Kissack, the Associate Vice President of Human Resources, and she can be reached by calling extension 6202 or (719) 389-6202, emailing [titleix@coloradocollege.edu](mailto:titleix@coloradocollege.edu) or [hkissack@coloradocollege.edu](mailto:hkissack@coloradocollege.edu), or going to Spencer Center, Suite 101.
- The College's Deputy Title IX Coordinator for Students is Rochelle Dickey-Mason, the Senior Associate Dean of Students, and she can be reached by calling extension 6800 or (719) 389-6800, emailing [RMason@coloradocollege.edu](mailto:RMason@coloradocollege.edu), or going to Worner Center 230.
- The College's Deputy Title IX Coordinator for Employees is Kara Deschenes, and she can be reached by calling extension 6194 or (719) 389-6194, emailing [kdeschenes@coloradocollege.edu](mailto:kdeschenes@coloradocollege.edu), or going to Spencer Center, 109.

To the extent any of the above definitions may overlap, the intent is that they are to be construed broadly and to be illustrative in nature of the conduct prohibited by this Policy. If you have questions about these definitions or would like further explanations or examples of any of these definitions, please contact the Title IX coordinator or a deputy Title IX coordinator.

## **Bicycle, Motorized Scooter, In-line Skate and Skateboard Policy**

Responsible office

President's Office, Student Life

Responsible party

Director of Campus Safety & AVP Institutional Planning & Effectiveness

Last revision

August 2013

Approved by

The Cabinet

Approval date

August 2013

Effective date

August 2013

Last review

August 2013

Additional references

None

### **Scope**

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

### **Policy**

Our campus is used by a variety of people using various means of transportation (pedestrians, cyclists, boarders). To ensure the safety of all (including those with special needs), bicycles, motorized scooters, in-line skates, roller skis, skateboards, and similar apparatus shall be operated and secured only in designated areas. Riding bicycles, scooters, in-line skates, and skateboards is

not permitted inside academic buildings.

## Procedures

None

## Course Attendance Policy

Responsible office

Registrar

Responsible party

Registrar

Last revision

June 2014

Approved by

Office of the Provost

Approval date

June 2014

Effective date

June 2014

Last review

July 2019

Additional references

None

## Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## Policy

Students are expected to attend courses regularly and are responsible for course work whether present or not. The college believes in giving students as much freedom as is consistent with their academic progress. However, excessive absence, excluding illness or emergency, may result in a special probation or dismissal from the course with no credit.

The policy of Colorado College is to require attendance in scheduled classes in the week of all-college holidays and block breaks. Faculty members will explain any specific applications of this policy, such as grade penalties for unauthorized absences, at the beginning of each block. Since grades for graduating seniors are due by 2 p.m. Wednesday, the last day of Block 8, seniors are expected to attend all classes through the end of Block 8.

## Procedures

None

## Course Changes

Responsible office

Registrar

Responsible party

Phil Apodaca

Last revision

June 2014

Approved by

Dean's Office

Approval date

June 2014

Effective date

June 2014

Last review

June 2014

Additional references

None

### Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

### Policy

Students are permitted to add a course in progress during the first two days of a block with the signature of the professor. They may drop a course through 5 p.m. Tuesday of the second week. The half-block may be dropped by Thursday at 5 p.m. Students should be aware, however, that adding a course after the first two days of the block will be difficult or impossible, so that credit for the block will be lost if the course is dropped after the first two days. Students may add or drop courses to be taken in future blocks at any time prior to the beginning of those courses without the instructors' signatures. Exceptions to the procedure must be authorized by a dean and affected professors. Students may not drop a course if involved in an Honor Council investigation.

Dropping a course without authorization automatically results in a grade of No Credit.

One of the primary goals of the Block Plan is to provide a framework within which students may devote all of their formal academic efforts to one course. Thus, it is not possible to register for more than one principal course during a block. However, students may also enroll in a maximum of three adjunct courses and a maximum of .5 unit of extended-format courses per semester. Students may also take a maximum of .5 unit during the January half-block. Unapproved overloads result in a loss of credit.

During the first or sophomore year, students are urged to consult with the department in which they wish to major to determine an appropriate schedule. To allow students ample time to pursue a sound course of study in their major, they must declare the major before registration for their junior year. However, they may change their major at any time.

## Procedures

None

## Credit and Grades Policy

Responsible office

Registrar

Responsible party

Registrar

Last revision

September 2017

Approved by

Faculty Executive Committee

Approval date

July 2014

Effective date

July 2014

Last review

July 2019

Additional references

None

## Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## Policy

The unit represents the academic work of a single block of three-and-one-half weeks. There are eight blocks in the academic year, and under normal circumstances a student can earn eight units of credit per year and 32 units in four years. Each unit is equal to four semester hours or six quarter hours. Adjunct courses provide .25-unit credit each, and extended-format courses provide up to .5 units per semester. The January half-block allows students to earn .5 units of credit.

Any first-year student who enrolls for fewer than eight blocks, and any other student who enrolls for fewer than seven blocks, must have the prior approval of the registrar's office within the first two weeks of the semester of reduced enrollment.

The College provides a two-track system for all students. In a given course, students may choose from the following grading systems:

G Track (Letter Grades): A, A-, B+, B, B-, C+, C, C-, D+, D, NC (No Credit), WF (Administrative Fail)

P Track (S/CR/NC): S(A to C-), CR(D+ or D), NC(No Credit), WF(Administrative Fail)

For purposes of computing the grade point average, the following schedule will be used

|                     |     |     |     |     |     |     |     |     |     |     |     |     |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>Letter Grade</b> | A   | A-  | B+  | B   | B-  | C+  | C   | C-  | D+  | D   | NC  | WF  |
| <b>GPA</b>          | 4.0 | 3.7 | 3.3 | 3.0 | 2.7 | 2.3 | 2.0 | 1.7 | 1.3 | 1.0 | 0.0 | 0.0 |

P Track passing grades are not calculated in the GPA; however, a grade of NC under either grade track option is calculated in the GPA.

D grades (CR, D+, and D) under both G and P Track options do not provide credit for All College Requirements (Critical Perspectives, college level language, writing proficiency, departmental major, minor, or prerequisites). CR, D+ and D grades will count towards fulfillment of the 32 Unit Requirement only.

There are no restrictions placed on the number of courses a student may choose under each option. However, students are expected to choose the option by which they wish to be graded at the time they register for courses. No change in the grading option is permitted after the fourth day of class without extenuating circumstances. Students who do not choose a grading track for a course are automatically assigned to the G track by the registrar's office. A student may, with permission of the course professor, audit (Z Track) a course. No credit toward graduation will be awarded, but the audit, if completed successfully, will be recorded on the student's transcript.

The college believes its grading system options offer a desirable versatility because they provide a commonly understood set of grades for consideration beyond the campus while preserving a simpler option for students who wish to be free of certain kinds of grading pressures. This "optional system" (P Track) encourages students to take courses they might otherwise avoid out of fear of poor grades, and in general makes students much less "grade conscious." On the other hand, the college avoids the risk that some of its students could be disadvantaged by the grading policy in the competition for jobs or graduate and professional school admissions.

In the interest of a more uniform grading policy that accords with our commitment to high academic standards, the college endorses the following revised statement of the meaning of grades at Colorado College:

A – Excellent work that reflects superior understanding and insight, creativity, or skill.

B – Good work that reflects a high level of understanding and insight, creativity, or skill.

C – Adequate work that indicates readiness to continue study in the field.

D – Marginal work, only minimally adequate, raising serious question about readiness -to continue in the field.

S – Work that falls in the range of A to C–.

CR – Work equivalent to a D+ or D.

NC – Failing work, clearly inadequate, and unworthy of credit.

WF - A grade of WF indicates that a student failed to withdraw officially from the course after the drop deadline, or abandonment of academic responsibilities.

### **No Credit Grades**



If a student does not complete the work of a course and has no satisfactory excuse, the instructor must determine the student's grade, which may be a No Credit. Unlike an Incomplete, failing grades\* cannot be made up and thereby changed to a passing grade simply by turning in a missing paper or taking a missed examination.

\*Grades of "NC" and "WF" are failing marks and will be calculated into the student's GPA.

### **Grade Changes**

At the end of each course, faculty submit final grades to the registrar. The judgment made by the faculty member when a grade is submitted to the registrar must be viewed as conclusive. Therefore, a request for a change in a final grade will ordinarily not be approved.

There are, however, rare instances in which fairness might justify a final grade change. This might be the case, for example, when there is demonstrable evidence of a mathematical error in the calculation of a grade, or where there has been an egregious error in grading by the instructor, such as the failure to read and take into account an entire exam or paper or a significant portion of one. Normally, grade appeals should be resolved between the student and faculty involved. A mere change of mind will not justify a change of a final grade.

The registrar's office will allow grade changes in these rare cases. However, grades are to be considered final and will not be subject to change for any reason after a 12-month period from the end of the course. Also, grade changes are not permitted after the award of a degree. The 12-month period does not apply to graduating students.

### **Incomplete Grade**

If a student is unable, for a satisfactory reason, to complete the work in a given course, he or she may petition the instructor for a grade of "Incomplete" for that course. Incomplete grades must be made up by the final day of the third block following the block in which the course was taken, unless the instructor sets a shorter time limit for completion of the prescribed work. If an incomplete is not made up within the prescribed time, the registrar's office will automatically convert it to a grade of No Credit. In no case can an incomplete grade extend longer than one year after the block in which the course was taken.

### **Excused Grade**

After the second Tuesday of the course, students who want to drop a course must petition for a grade of Excused with a registrar. Normally, a grade of Excused will not be approved unless the student is passing and there are extenuating circumstances, such as illness or injury, that have affected the student's progress in the course. The student must state a specific reason for requesting an Excused grade, and the instructor's recommendation must be recorded. The registrar's office will make the final decision.

### **Retaking Courses**

Students may repeat a course in which they did not receive a passing grade. Such repetition may be required if a student received a "D+" or lower grade in a course in the major field, or a prerequisite requirement. Students may retake a course in which they received a passing grade. However, credit will be awarded only once, and both grades will be calculated into the appropriate GPAs.

**Procedures**

None

**Definitions**

None

**Dean's List, Distinction, and Honors Policy**

Responsible office

Registrar

Responsible party

Registrar

Last revision

September 2017

Approved by

Faculty Executive Committee

Approval date

July 2014

Effective date

July 2014

Last review

July 2019

Additional references

None

**Scope**

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

**Policy****Dean's List**

A student will be placed on the Dean's List if she or he attains a grade point average for the academic year of 3.75 or higher and no NC's or Incompletes at the time the list is calculated (June 30 of every academic year). To qualify for the Dean's List, a student must complete seven units, excluding adjuncts, in the academic year (six for graduating seniors), all seven of which (or, in the case of seniors, six) must be taken for a letter grade. Only credits completed at Colorado College or within an affiliated study abroad program will be used in determining eligibility.

Students with NCs or Incompletes who, because of extenuating circumstances, could not be considered for the Dean's List, may petition the Vice Provost's Office for reconsideration. Please write a brief letter explaining and documenting the extenuating circumstances that prevented initial consideration for the Dean's List. Please submit your petition for review by the Vice Provost.

## **Distinction**

Certain departments in the college grant a special award of distinction at graduation to majors who have done especially outstanding work in their major field and who also have superior records in all their college work. The departments may offer special courses of independent work for students admitted to these programs.

## **Latin Honors**

The bachelor's degree with honors — cum laude, magna cum laude, and summa cum laude — may be conferred upon those students who receive the recommendation of the Committee on Instruction. The degree summa cum laude is conferred only by a special vote of the faculty after individual consideration of each case.

Honors at graduation will be determined on the basis of grade point average computed from the last 22 units taken under the “G” grade track at Colorado College, including credit earned in ACM programs and the college's affiliated programs. Any transfer student who completes a minimum of 18 units for graduation at Colorado College, and at least 16 units on the “G” track option, will be automatically considered for honors. Courses taken for less than .5 units of credit shall be excluded from the 22. The Committee on Instruction may consider individually the cases of students with fewer than the required units at Colorado College. The registrar's office will notify departments about students who have the required grade point average to be considered for honors, but who would not automatically be considered using the above criteria, and these students will be considered if recommended by a minimum of three faculty members. The Committee on Instruction will recommend to the faculty students who should be awarded their degree summa cum laude, magna cum laude, or cum laude. The total number recommended by the Committee on Instruction will normally be equal to approximately 20 percent of the graduating class. Faculty approval is not required except for the granting of the degree summa cum laude.

## **Phi Beta Kappa: Standards for Election**

Colorado College is home to the Beta of Colorado Chapter of Phi Beta Kappa, America's oldest honor society (1776). The chapter, chartered in 1904, consists of about 40 faculty and staff members elected at their undergraduate colleges and universities. The chapter inducts about 10 percent of each graduating class into lifetime membership, based on the students' excellence in the liberal arts. Grades are the first indicator of this excellence, followed by a questionnaire asking the whole faculty to rate students. To be eligible, students also must meet the Society's distribution requirements, particularly in the areas of language study and quantitative reasoning. Seniors are encouraged to make sure their transcripts are in order at midyear, and any student interested in membership should be aware that, in doubtful cases the chapter examines transcripts to assure that the Society's standards are met. For more information, consult the [Beta of Colorado website](#).

## **Procedures**

None

## **Definitions**

None

## **Distribution of Printed Materials and Solicitation**

In order to ensure that our campus maintains an environment that does not disrupt students' learning experience or employees' ability to perform day-to-day operations, Colorado College has established expectations for distribution of materials and solicitation on our campus.

Responsible office

Communications

Responsible party

Vice president for communications

Last revision

September 2018

Approved by

The Cabinet

Approval date

August 2013

Effective date

October 2020

Last review

September 2020

Additional references

Student Fundraising Policy, Freedom of Expression Policy; Banners, Posters, Fundraising, and Distribution of Materials at Colorado College Campus-Wide Events

## Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## Policy

### **Authorities delegated and retained/administrative responsibility**

The president of the college delegates administration of the Distribution of Printed Materials and Solicitation Policy to the vice president for communications.

### **Distribution of printed materials**

Distribution of printed materials, handbills, posters, petitions for signature, or other similar items on campus should be handled as follows:

(a) Students, faculty, and staff may distribute these materials on campus in accordance with the college's **Student Fundraising** and **Freedom of Expression** policies;

- Students should also consult the **Community Standards** on Solicitation, Posting, and On-Campus Fundraising prior to distributing these materials on campus

(b) Individuals who are not members of our campus community and external groups are prohibited from distributing materials on college property. With prior approval by the college, however, these materials may be left for voluntary pick-up in campus locations identified for that purpose. Worner Information Desk will handle approvals, conferring with the Office of Communications on any questionable materials.

## Solicitation

For purposes of this document, “solicitation” means the attempted sale or offer to sell any property, product, or service. It also includes oral or written appeals or requests to support or join an organization.

### (a) *Student groups*

Recognized student groups that want to conduct solicitation activities on campus may do so within the expectations of this policy and given that the activities do not:

- Conflict with college policies or local, state, or federal law;
- Impede or conflict with the educational purposes of the college;
- Negatively impact other college activities;
- Infringe upon the college’s trademark or other intellectual property rights;
- Disrupt either vehicular or pedestrian traffic;
- Involve door-to-door solicitation;
- Consist of commercial activities

Student groups engaged in fundraising are expected to comply with the college’s **Student Fundraising Policy**.

### (b) *External groups*

#### (i) Commercial sales

The college may allow some external groups limited access to campus for the purpose of commercial sales. These sales normally relate directly to the residential or educational experience of students and the college retains the right to determine which commercial sales are appropriate.

#### (ii) Charitable organizations

Many nonprofits working for worthy causes would appreciate the opportunity to solicit contributions from students, faculty, and staff. Similar to commercial sales, the college reserves the right to determine the appropriateness of allowing these solicitations. Considerations include:

- The charitable organization must be a bona fide charity;
- Contributions must be strictly voluntary;
- The charitable organization’s purpose must not conflict with the college’s mission;
- The solicitation by the charitable organization must not conflict with any college policies, local, state, or federal laws.

### (c) *Employees*

Colorado College encourages staff members to volunteer and to participate in community activities; however, the college does not allow solicitation on behalf of these worthy causes or for personal gain during college business hours.

## Campus-wide events

### (a) *Solicitation, sales and fundraising*

Solicitation, sales and/or fundraising of any type, other than for Colorado College-managed

programs, is not permitted during Colorado College campus-wide events.

*(b) Distribution of materials*

During campus-wide events, a table(s) may be provided in the registration area or other designated location for distribution of approved materials. Materials from outside organizations cannot be placed anywhere else on campus other than the designated distribution table(s). Any materials placed at a distribution table must be approved by the Office of Communications.

## Procedures

1. If students, faculty, staff, or external sources wish to post in public spaces on campus, those materials must first be approved by the appropriate **venue manager**, or their designee, and the Office of Communications
  1. Approved materials will be so designated from the appropriate **venue manager** and the Office of Communications
  2. In Worner Campus Center, no more than 2 copies of the material may be posted
  3. The maximum number of materials to be posted in other public spaces will be determined by appropriate **venue manager** or their designee, depending on the space
  4. Residential spaces may be used to post advertisements for college sponsored events, or recognized student organizations, however, general publications and non-college affiliate postings are prohibited in these spaces
2. The following information must be included on any posting/advertisements:
  1. Name of person/group/organization/business
  2. Date, time and location of event
  3. Any necessary contact information
3. Anonymous posting of any kind is prohibited and will be removed immediately
4. Materials posted in areas not designated for posting will be removed immediately
5. Colorado College offices, departments, groups, and organizations oversee their designated bulletin boards and/or spaces and may remove unapproved materials.

## Drug-Free Campus and Workplace

As a condition of receiving federal financial assistance, institutions of higher education must certify that they have adopted and implemented a program to prevent the unlawful possession, use, or distribution of illicit drugs and alcohol by its students or its employees on its campus or as part of any of its activities. Colorado College complies with this requirement and, equally importantly, believes that it has an obligation to create awareness of the health risks associated with alcohol abuse and illicit drug use.

Responsible office

Finance & Administration, Student Life

Responsible party

Vice president for student life/Dean of students; Vice president for finance and administration

Last revision

August 2013

Approved by

The Cabinet  
 Approval date  
 August 2013  
 Effective date  
 August 2013  
 Last review  
 August 2013  
 Additional references  
 Drug Free Schools and Communities Act of 1989

## **Scope**

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## **Policy**

### **Authorities delegated and retained/administrative responsibility**

The president of the college delegates the administration of this policy's requirements to the vice president for student life/dean of students and to the vice president for finance and administration.

### **Standards of conduct**

In maintaining a drug-free workplace and campus, Colorado College prohibits the unlawful manufacture, distribution, dispensation, possession, or use of illicit drugs or alcohol on its campus or as part of any of its activities.

### **Legal sanctions**

Colorado College expects its students and its employees to comply with local, state and federal laws. In addition to internal disciplinary sanctions, anyone who is convicted of unlawful use, possession, distribution, manufacture or dispensing of illicit drugs or alcohol may be subject to applicable criminal sanctions under local, state, and federal law. Penalties range in severity from relatively minor fines to fines of several million dollars. Imprisonment is also a possibility, for terms ranging from six months to a life sentence.

Any employee who is convicted under a criminal drug statute for a violation occurring in the workplace must so notify the college's director of human resources within five days from the date of the conviction.

### **Disciplinary sanctions**

#### *Students*

Abiding by this policy is a condition of continued enrollment at Colorado College. Any students violating this policy will be held accountable through the student conduct procedures and processes outlined in the Pathfinder.

## *Employees*

Disciplinary sanctions for the violation of this policy by any employee may include, but are not limited to, reprimand, reassignment, demotion, suspension, or termination of employment. Disciplinary sanction may include the completion of an appropriate rehabilitation program. Referral to the authorities for prosecution under criminal law may also be invoked, especially in cases of unlawful sale or distribution of drugs or alcoholic beverages. All disciplinary sanctions for violation of this policy shall be subject to other applicable college policies and regulations regarding disciplinary action with respect to employees.

### **Health risks**

The consumption of illicit drugs and alcohol can have significant negative effects on health. The health risks associated with the abuse of alcohol and the use of illicit drugs include malnutrition, brain damage, heart disease, pancreatitis, cirrhosis of the liver, emotional illness, coma, and death. In addition, use during pregnancy endangers the fetus. Personal relationships and the ability to work and study are at risk. There is also the possibility of blackout (temporary amnesia) when a person consumes a large amount of alcohol in a short period of time.

Employees should contact Human Resources or the college's Employee Assistance Program for information on the physiological, psychological, and legal aspects of alcohol and other drug use.

### **Counseling, treatment, and rehabilitation programs**

The college recognizes that chemical dependency of any sort is a major health problem.

Students are encouraged to contact Boettcher Health Center for confidential assessments, referrals, and counseling. Human Resources can provide information to employees regarding resources for counseling on the physiological, psychological, and legal aspects of alcohol and other drug use. Employees may also contact the college's Employee Assistance Program.

### **Compliance**

In compliance with the Drug Free Schools and Campuses regulations, the college will notify students and employees of its alcohol and other drugs program on an annual basis. The college also will perform a biennial review of its program and retain the records of that review in accordance with the Department of Education's requirements.

### **Procedures**

#### **Annual notification**

- Students

Student Life shall ensure that students receive annual notification of the college's alcohol and other drugs programs as required by the Drug Free Schools and Communities Act of 1989.

- Employees

Human Resources shall ensure that employees receive annual notification of the college's alcohol



and other drugs programs as required by the Drug Free Schools and Communities Act of 1989.

### **Biennial review**

The college's AVP of Institutional Planning & Effectiveness shall ensure that reviews are performed and records are retained in accordance with the Department of Education's requirements.

## **Examinations**

Responsible office

Registrar

Responsible party

Registrar

Last revision

June 2014

Approved by

Office of the Provost

Approval date

June 2014

Effective date

June 2014

Last review

July 2019

Additional references

None

### **Scope**

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

### **Policy**

Instructors decide the number and nature of examinations given in a course. Students usually will be given notice in advance of examinations, but unannounced quizzes and other criteria such as class discussions may help determine a student's grade for the course.

Under the Block Plan, there are no final examination periods. Final exams, if given, will be held during the block(s) in which the course is offered. Instructors will decide on the method of evaluating student performance.

Students who are unable to take a scheduled examination as a result of illness or for other acceptable reasons may be given a make-up examination or may receive an "Incomplete" if there are unfinished requirements at the end of the course.

All examinations are to be given under the honor system. Briefly, this system means that teachers are to remove themselves from classrooms during tests, except for necessary announcements. The

Honor Council may make exceptions to this rule. The professor shall designate the time allowed for each examination. There shall be no limitation as to where examinations shall be taken except as specified by the professor. The honor system shall apply to all written or oral examinations, to all reports, term papers, theses, and all other work done for credit.

## Procedures

None

## Freedom of Expression

As a private educational institution of higher learning, Colorado College is a voluntary association of persons who understand and respect the principles that govern the College. The College's educational mission will always be paramount. Freedom of thought and expression are essential to any institution of higher learning. Academic freedom is essential to the mission of Colorado College, and freedom of expression is a vital component of academic freedom. Uncensored speech is essential in an academic community and will be vigorously defended; however, unlawful disruption of the expression of views by preventing a speaker from expressing views, through violence or the destruction of property, will not be tolerated. The College's commitment to freedom of expression does not countenance communications or conduct that demean, denigrate, humiliate, or express hatred to any particular person or class of persons. Some communications or conduct may so violate our community standards that formal College intervention may be necessary. The College may restrict or sanction communications or conduct that violates the law, defames an individual, is physically threatening, or discriminates against, unlawfully harasses or retaliates against others simply because of that person's protected status or because of that group's message or content of communication. To these ends, the College reserves the right to control the time, place, and manner of events and communications, whether they occur on campus, at off-campus College activities, or on any College property. The College does not seek to censor the expression of ideas, but rather to maintain the regular operations of the College and the safety and security of individuals.

Responsible office

Provost, Student Life

Responsible party

Provost, Vice President for Student Life/Dean of Students

Last revision

November 2018

Approved by

The Cabinet

Approval date

November 2018

Effective date

November 2018

Last review

September 2018

Additional references

Higher Education Opportunity Act Section 104 (Protection of Student Speech and Association Rights)

## Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## Policy

Authorities delegated and retained/administrative responsibility:

The President of the College delegates administration of the College's Freedom of Expression Policy to the Provost, the Vice President for Student Life/Dean of Students and the AVP of Institutional Planning & Effectiveness.

## Methods of expression

### (a) Institutional Response:

The Office of Communications is solely responsible for institutional responses to the media;

### (b) Written materials:

- Students, faculty, and staff may distribute written and electronic material that does not defame others or interfere with the normal business or activities of the College;
- These written materials must comply with the College's Distribution of Printed Materials and Solicitation Policy, and electronic material must comply with the College's Acceptable Use of Information Technology Resources Policy.

### (c) Demonstrations:

- The College encourages its members to be engaged citizens of their community and the nation, which may include participation in protests and demonstrations. The exercise of these rights should not endanger others, disrupt the normal business or activities of the College, damage property, or constitute illegal activity;
- Students, faculty, and staff may participate in protests, demonstrations or other political activity, in whatever form, including via electronic or social media but must ensure that they in no way represent themselves as a spokesperson for the College. Students, faculty, and staff in leadership roles, should carefully consider whether their participation in protests and demonstrations will affect their work at the College, and should take all reasonable precautions to avoid the appearance of being a spokesperson for the College;
- As always, staff should consult with their supervisor in advance of leaving work during regular hours.

It is a violation of College policy to interrupt, shout down, or otherwise disrupt an event. It is also a violation to obstruct the view of the speaker with banners or placards.

Campus Safety will ask individuals engaged in disruption to stop disrupting and to leave the area. Failure to follow directions of the Campus Safety officers is a violation of College policy; those who fail to comply promptly with such a request may be subject to disciplinary action or other sanctions according to Student Honor and Community Standards and college

handbooks. Any reports of alleged violations of this policy will be handled in accordance with College policy.

Review Process by Student Life is required for:

1. Events which may obstruct vehicular, pedestrian, or other traffic, and must be approved at least 72 hours in advance. Time, place, and manner of the events are considered during the review process;
2. Use of sound amplification on campus;
3. Camping and/or temporary structures (tents, etc.)
4. Demonstrations and marches

Prohibited Activities:

1. Obstruction of entrances or exits of buildings;
2. Unlawful interference with College business or activities inside or outside of buildings;
3. Interference with scheduled College ceremonies, events, or activities;
4. Damaging, defacing, or destruction of property;
5. Impeding traffic or passersby.

## Procedures

All College events that are open to the public must be at the invitation of a College department, program, office, or organization. In addition, the sponsor, department or program chair, division head, or student organization chair must notify in a timely manner the Provost, or their designee, for a departmental- or employee-sponsored event, or the Vice President for Student Life/Dean of Students, or their designee, for a student- or student-organization sponsored event, to assure the practicability of the logistical arrangements. The Provost, Vice President for Student Life/Dean of Students, or their respective designees, reserve the right to impose restrictions, reschedule, relocate, or cancel speakers, activities, or events as a result of considerations relevant to assessment of campus safety, security, resources, or disruption of the normal business or activities of the College.

The following documents provide further information on procedures for events and speakers:

- **Protocols for Hosting Speakers**
- **Checklist for Event Planning**
- **Distribution of Printed Materials and Solicitation Policy**

## Independent Study

Responsible office

Registrar

Responsible party

Registrar

Last revision

June 2014

Approved by

Other

Approval date

June 2014

Effective date  
 June 2014  
 Last review  
 June 2014  
 Additional references  
 None

## Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## Policy

A student may initiate independent study to pursue in-depth certain aspects of a subject previously studied or to investigate an area of academic interest not covered in a regular course. The following guidelines should be observed:

- Courses should have specific prior expectations established, clear to both the faculty supervisor and student.
- Courses should have as a prerequisite sufficient prior course work in the area of the project to give the student a good basis for working independently, i.e., they should involve advanced, not introductory work.
- Independent study should normally be for juniors or seniors who are likely to have sufficient academic maturity to succeed in it.
- Courses should require the equivalent student workload of a regular course carrying the same credit.
- Courses should be planned well ahead of time.
- Courses should have the approval of the department or interdisciplinary program chair.
- Consent of instructor is required.

## Procedures

None

## Inspections, Searches, and Confiscation

Colorado College respects the privacy of its students, faculty, staff, and students. However, in order to provide a safe academic, living, and working environment, the college may engage in inspections and perform searches of college property. These activities may be necessary for reasons of health, safety, or when there is reasonable belief that violation of college policy or state/federal law has occurred.

Responsible office  
 Human Resources, Student Life

Responsible party  
 Senior associate dean of students/director of residence life and housing and director of human resources

Last revision

August 2013

Approved by

The Cabinet

Approval date

August 2013

Effective date

August 2013

Last review

August 2013

Additional references

Data Access Policy

## Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## Policy

### Entering a student's room/apartment

The dean of students, the director of residential life and housing, and/or their designees (RLCs or other members of the residential life staff) reserve the right to enter a student's room or apartment when there is a report of the presence of firearms, explosive materials or devices, stolen property, or other reasons that may affect the health, safety, or welfare of individual students or the community.

The residential life staff also reserves the right to enter rooms and apartments for the purposes of cleaning, health and safety inspections, and maintenance. This means they may enter the rooms when students are not present. All staff will lock the door after entering a room to protect the student's and the college's property and safety. If residential life staff observe any items or behaviors that may violate college policies within student rooms or apartments, the students present and/or the students assigned to that room or apartment will be held responsible. Any items that are in violation of policies may be confiscated.

### Confiscation (student property)

When college staff encounter an item that is prohibited or is being stored in a location where it is not permitted, they may confiscate the item. When possible, residents who are possessing/using alcohol in ways that are outside the college's standards will be asked to dispose of it in front of the staff member.

Some confiscated items may be returned to students at the end of the semester (or earlier if approved by the residential life coordinator) provided that the student removes the item from campus immediately. Illegal items or items that pose severe potential harm (such as controlled substances, drug paraphernalia, hazardous chemicals, or weapons) are not items that can be released and will not be returned to students. Illegal or potentially harmful possession of alcohol

will result in confiscation or disposal.

Any confiscated item not claimed by the owner by the end of the academic year in which the item was confiscated will be disposed of. When possible and appropriate, items may be donated to a local charity. If an item is confiscated from a student room when the student is not present, the student will be notified by the RLC or his/her designee. When items are confiscated from common areas, the RLC or designee will contact the students living near the space by email to inform them.

Students who leave items in the hallway or common area may have their items confiscated by residential life and housing staff. Arrangements to retrieve these items can be made through the RLC. Because these items could present a fire hazard, students will be fined a life-safety fine for leaving items in the hallway or common area.

### **Inspections and searches (employees)**

Colorado College reserves the right to conduct searches and inspections of college property. Employees are expected to cooperate in the conduct of such inspections and searches, which may involve college vehicles, offices, computers, lockers, desks, filing cabinets, and files as well as any items brought on to college premises, including (but not limited to) staff vehicles, backpacks, purses, lunch bags, and briefcases.

### **Procedures**

For employees, the college has identified the following practices:

(1) Acknowledgment

Residence Life and Housing will ensure that students and employees living on campus acknowledge awareness of the college's search and seizure policy and practices.

(2) Initiating a search

However, in instances in which its working environment is jeopardized, the college will exercise its right to conduct a search. Before doing so, however, the compelling reason for the search must be documented and approved. Approval will be in writing by two of the three following college officers: the college president, the dean of the college, and the vice-president for finance and administration.

## **Intellectual Property and Copyright**

This policy encourages the creation and dissemination of creative and intellectual work. It supports contributions to the world of ideas and civic discourse, while reaffirming the college's commitment to respect intellectual property rights. This policy applies to all faculty (including those on temporary appointments), staff, and students. Because copyright law is complex and often requires the exercise of judgment, the college should provide instruction and guidance to employees, in addition to the formal policy.

Responsible office

President's Office

Responsible party

Office of the Provost and Senior Vice President for Finance and Administration

Last revision  
 August 2013  
 Approved by  
 The Cabinet  
 Approval date  
 March 2013  
 Effective date  
 August 2013  
 Last review  
 March 2013  
 Additional references  
 n/a

## Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## Policy

### Part I: Intellectual Property and Copyright Ownership

#### 1. Creator Owns the Copyright

Individuals engaged in scholarly, pedagogical or creative efforts produce a great variety of copyrightable materials they may want to protect from unauthorized use. These include, for example, books, articles, monographs, bibliographies, lecture notes and handouts, musical compositions and recordings, artwork, photographs, films, audio visual works, and computer programs.

When a member of the faculty or staff or a student authors a copyrightable work, that individual will own the copyright in the work (and may voluntarily cede or license it to a publisher or distributor), unless the circumstances of sections 2, 3, or 4 apply. Even though the College may provide some support in the way of facilities, materials, equipment, or personnel, individual ownership of the copyright in such works is appropriate.

It is understood, however, that the individual will grant a perpetual, worldwide, royalty free license allowing the College to use, reproduce and modify any copyrighted work that originally was designed for the express purpose of making such work available to individuals other than, or in addition to, the creator for use in teaching, administration, or other College activities. Examples of such work include a computer program designed to improve an office procedure and developed by a faculty or staff member (not under the circumstances of sections 2, 3, or 4), or curricular materials created by a faculty member (not under the circumstances of sections 2, 3, or 4) to use in sections of a course that is taught by several department faculty. Such materials will be available to the College free of charge, even if the individual who wrote the program or curricular materials has left the College. In the case of works created by multiple authors, where one or more of the authors is unaffiliated with the College and not subject to this policy, it is the responsibility of the individual to ensure that such other authors are made aware of this policy and that they consent to the grant of the license to the College.



## **2. Rights Are Determined by Contract**

Ownership of the copyrights in works created in the course of projects or programs funded by an external agency, for example, under a grant or similar arrangement, will be determined in accordance with the terms of agreement with the external party and applicable law. An agreement regarding copyright ownership must be signed by the College, the external agency, and the appropriate individuals before acceptance of outside funding.

Generally, students own the copyright in the works they create, including their contributions to collaborative projects, unless the circumstances of 3 or 4 apply or the student has signed a written agreement regarding copyright. Accordingly, faculty and staff are strongly encouraged to obtain a written agreement from each student before involving students in scholarly research or other projects that may result in works the faculty or staff would want to use or publish. In addition, if there is any question whether 3 or 4 will apply to works created by a student, a written agreement should be signed before the student begins work.

Faculty, staff and students are encouraged to engage in collaborative research and other collaborative projects. Because of the misunderstandings that may result when different individuals own rights in the results of a collaborative effort, a written agreement regarding copyright should be signed before beginning work.

## **3. College Owns the Copyright in Directed and Commissioned Works**

The College will retain ownership of the copyright in works that are specifically directed or commissioned by the College or produced by an individual (or group of individuals) as a specific job requirement. Examples of works in this category are articles for the alumni magazine or other College publications written by staff members, or computer software developed by technical staff.

This category does not include materials created by faculty in connection with their teaching, research, or other scholarly activities, even though faculty are expected to teach and engage in scholarly activities as part of their job, unless the works are specifically directed or commissioned by the College, as in the example of a faculty member on special assignment to write a history of the College while receiving a full salary. This category also does not include materials created by the staff outside the scope of their employment.

On occasion, the College may grant its copyright to one or more individuals or may agree to joint ownership of the copyright. If an individual wishes to own the copyright in a work that falls into this category, he or she should raise the issue in writing before undertaking the work. The arrangement on which the individual and the College agree must be documented in writing. If no such writing exists, the general rule of this section will be deemed to apply.

The College shall affirm its commitment to the open sharing of the creative and innovative work of college staff through its application of ownership rights. Where privacy, security or confidentiality issues do not apply, departments may decide to share works and grant permission for reproduction for other not for profit uses. Examples of such materials include reports, policies, training programs, and open access software.

## **4. College Owns Copyright in Administrative Works**

The College will retain ownership of the copyright in works created in the course of an administrative assignment of the College, such as, internal policies and procedures, internal

studies and plans, or a report for a university committee.

**5. The College supports the concept of open access to scholarly work and encourages faculty, students, and staff to share their intellectual property.**

Methods for sharing include (but are not limited to) the following:

Contribute work to appropriate open access archives, including the Digital Archives of Colorado College or disciplinary open archives.

When signing publication agreements, negotiate to retain certain distribution rights.

For example, the [SPARC Author Addendum](#) is a legal instrument that authors may use to modify their publisher agreements, enabling them to keep selected key rights to their articles, such as: distributing copies in the course of teaching and research, posting the article on a personal or institutional Web site, or creating derivative works.

**6. Use a [Creative Commons license](#) to retain copyright but freely allow some kinds of use of your property.**

#### **7. Recorded Events**

A release form giving the college permission to record on-campus speakers and other events is requested by audio visual services. This release form gives the college the right to copy and use the recording for any purpose.

#### **8. Recorded Course sessions**

Specific class sessions may be recorded at the request of a faculty member. In this case, students should be notified in advance that the class will be recorded.

## **Part II. Use of Copyrighted Works for Education and Research**

As an institution devoted to the creation, discovery, and dissemination of knowledge, Colorado College is committed to complying with all applicable laws regarding intellectual property. That commitment includes the full exercise of the rights accorded to those who desire to use copyrighted works for educational purposes under the "fair use" provisions of federal copyright law, 17 U.S.C. Section 107, DMCA and TEACH Act

Colorado College expects all faculty, staff and students to make a reasonable effort to comply with copyright laws in their use of copyrighted materials. The College requires, however, that before relying on the fair use exception, faculty, staff and students will educate themselves regarding the limits of fair use and will, in each instance, perform a careful, good faith fair use analysis based on the four factors identified in Section 107 of the federal Copyright Act.

It is therefore Colorado College's intent to facilitate the knowledgeable and good faith exercise of full fair-use rights by faculty, students, librarians, and staff, in furtherance of the educational purposes of the College including teaching, research, education and related activities.

### **Fair Use of Copyrighted Works for Education and Research: Colorado College Principles**

Section 107 of the Copyright Act of 1976 covers the fair use of a copyrighted work, including use

by reproduction in copies or phonorecords or by any other means specified by that section, for purposes such as criticism, comment, news reporting, teaching (including multiple copies for classroom use), scholarship, or research.

Principle 1: A good faith exercise of fair use depends on a case-by-case application and balancing of the four factors set forth in the statute enacted by Congress and applied by the courts.

Principle 2: A nonprofit educational purpose does not always and by itself make the use "fair."

Principle 3: Responsible decision-making means that individuals within the college community must know the fundamentals of fair use and understand how to apply them in typical situations.

Principle 4: Reasonable people, including judges and legislators, can and will differ in their understanding of fair use. Copyright law does not offer a definitive meaning of fair use for any specific application.

Principle 5: Through educational efforts, the College should move over time toward a common understanding of fair use for the typical needs of its faculty, students, librarians and staff, but such detailed interpretations ought not to be part of a formal policy statement. The College recognizes that copyright law is evolving. Specific legal requirements for use of copyrighted material may change over time, and these requirements should be reflected in departmental guidelines. Guidelines reflecting current law and College practice are appended to this policy.

Principle 6: If an employee of the College acts in good faith, consistent with his or her college duties and responsibilities, the Colorado College indemnification policy can offer protection in the event of an infringement allegation.

Principle 7: If a proposed use is found to be beyond "fair", permission must be obtained from the copyright owner before proceeding. A copyright owner has the right to refuse to allow use and to set fees for use. A judgment that a fee is excessive is not a justification for ignoring ownership rights.

For further perspectives and advice on "fair use," see the [Association of College and Research Libraries "Code"](#).

## **Board Approval**

1. This policy does not require approval by the college's Board of Trustees.
2. Periodic review of policies shall take place in accordance with each policy's individual review frequency.

## **Procedures**

### **Appendix A**

#### **Implementing the policy at Colorado College**

The ITAL Board seeks to create a durable policy that confirms our responsibility to uphold intellectual property rights and meet legal requirements. Guidelines for specific types of media and property should be included as appendices or links to inform and support the community in appropriate use of copyrighted materials. These reference sections may be amended and developed

by responsible departments (e.g. the library, IM, Dean's office) as questions arise and technology and the law change, without amending the basic policy statement. The Information Technology and Library Board should be charged with a review these guidelines to assure that changes are in keeping with the spirit of the policy statement.

The ITAL Board further recommends that certain positions within the College be designated to serve in an advisory capacity to faculty, staff, and students on questions concerning copyright. These individuals should be supported in developing their expertise in copyright issues, and charged with coordinating community education programs about copyright and intellectual property issues.

- Senior VP for Finance and Administration –issues about ownership of intellectual property for CC faculty, staff and students.
- Library Director or designated professional library staff member—library reserves, digital archives, electronic reserves, general issues, licensing issues for electronic resources, use of library video and music collections, general questions.
- Associate Dean of the Faculty or Associate Dean of the College- issues on copying for classroom use, student rights, grant applications, student/faculty research
- VP for Information Technology Services or designated ITS professional staff member– Agent for notification of infringement on college owned servers, file sharing.

## **Appendix B**

### **Existing policies to be linked under Guidelines and Resources**

#### **Reproduction and distribution of copyrighted materials.**

##### **Library physical reserves**

Section 109 of the Copyright Act outlines the “first-sale doctrine,” which allows the purchaser to transfer (*i.e.*, sell, lend or give away) a particular lawfully made copy of the copyrighted work without permission once it has been obtained. This means that the copyright holder's rights to control the lending or resale of a particular physical copy end once that copy is sold, as long as no additional copies are made.

Based on the “first-sale rule” in Section 109 of the Copyright Act, books and other lawfully acquired materials such as DVDs or journal issues may be placed on physical reserve. Some locally produced copies (*i.e.* some photocopies) may qualify as lawfully-made under the fair use provisions.

Any materials for reserves must have been legally acquired by the library or the faculty member. Copies must meet the standards of fair use as outlined in Section 107 of the US Copyright Law, or have the explicit permission of the copyright holder. Copies should also include bibliographic and copyright owner information. The Library also adheres to the American Library Association Interlibrary Loan Code in setting reserves policy: materials obtained from other libraries through Interlibrary Loan or Prospector cannot be placed on Reserve. The library reserves the right to refuse materials for reserves that library staff believes are in violation of fair use or the ALA Interlibrary Code.

##### **Electronic Reserves (Canvas Course Management System)**

Because electronic reserves necessarily involve scanned copies of original works, the first sale

doctrine does not apply in this context, as it does with physical reserves. Providing electronic reserves must be justified as fair use or require permission from the rights holder.

Faculty members who choose to post materials for students on course pages must conduct a fair use analysis for each item. A proper determination of fair use, in daily practice and in the courts, requires applying these four factors to the specific circumstances of the use:

1. The purpose or character of the use;
2. The nature of the copyrighted work being used;
3. The amount and substantiality of the work being used; and
4. The effect of the use on the market for or value of the original.

These factors must be evaluated in the context of the use to determine whether most of them weigh in favor of or against a finding of fair use. Merely listing the name of the original author, source of the work or other attribution does not equate to having permission to use the work. Merely copying a small portion of the work, as opposed to the entire work, does not automatically mean that the original owner might not still have a basis for making a claim of infringement. A further elaboration and illustration of the meaning of these factors is available from the University of Texas Crash Course in Copyright: <http://copyright.lib.utexas.edu/>

Library staff may also post materials on course web pages at the request of faculty members. The library reserves the right to refuse to post materials electronically, or to remove without notice materials that have already been posted, that library staff members believe are in violation of fair use. The library may advise faculty on ways to abide by fair use such as placing only relevant sections of a complete work on reserve or providing links to licensed electronic content rather than posting that content to the course page.

Access to copyrighted electronic course materials must be limited to students who are registered for the specific course.

### **Class handouts and course packs**

Faculty who wish to distribute copies of copyrighted materials to their classes will conduct a fair use analysis of the content. It is the responsibility of faculty to seek permission for material that falls outside of fair use guidelines. This requirement includes distribution of multiple copies on paper, on CD ROM or other digital media.

Faculty who want to create a package of readings for their classes should work with the bookstore to order course packs. The bookstore will handle permissions and reproduction. (Note that some of your readings may already be available via licensed databases subscribed by the library. The library can assist faculty in creating a “hybrid” course pack, with some materials available to students through links posted to a PROWL page, and others requiring permission available in a course pack through the bookstore.)

### **Web Pages**

Web pages, unlike course management sites, are generally open to the world, so the same latitude for educational use that underlies fair use and the TEACH Act does not apply. Any copyrighted material uploaded to a Web page must be analyzed under fair use and the Digital Millennium Copyright Act.

Information Technology Services will respond to take-down notices and will notify creators of web pages of such actions. Lawsuits alleging copyright infringement for any material housed on

the college servers may be handled by the legal office.

## Software

The author of a text or the creator of a graphic, program, or application is protected by copyright law unless s/he specifically releases that work into the public domain. In accordance with the College's policies governing the treatment of copyrighted materials, users should always obtain written permission from the original author(s) before copying electronic materials that are not in the public domain.

1. No user may copy, or attempt to copy, any proprietary or licensed software provided by or installed on College owned resources, or to remove copyright notices or other intellectual property ownership symbols or statements. Copyright laws and license agreements protect much of the software and data that resides on the College's computer facilities. Unauthorized duplication of software may subject users and the College to both civil and criminal penalties under the United States Copyright Act.
2. Stolen or bootleg copies of software are not allowed on any Colorado College computing systems.
3. All shareware programs must be registered in accordance with their license and use provisions.

## Performance and display decisions

### Film and Video Screening

Section 110(1) of the copyright law allows the use of legally acquired copies of media to be used without permission in face to face teaching activities within the classroom or similar place devoted to instruction. The absence of any notice on a film or video that public performance is prohibited may not be interpreted as approval of public performance. Screening of a video or film outside of a course is considered a public performance, regardless of whether the event involves a fee or is education in nature. Screenings for a class should not be open to the entire campus or announced to the public unless public performance rights have been obtained.

Departments and others sponsoring public film screenings must obtain public performance rights. The student activities office (Student Affairs) obtains performance rights for films sponsored by its office. <http://www.mpaa.org/protecting-creativity/>.

### Music and Dramatic Performances

Colorado College has licenses with BMI and ASCAP, and pays a yearly fee to cover all performances in campus venues. Some musical works must be rented. (See Music or Theater Department for additional information.) If a performance is recorded for publication or commercial distribution, additional right must be procured.

### Streaming video and music

With respect to electronic media, the intention and end result, not the means of conveyance, should be the determining factor in deciding whether a specific use of an electronic copy is fair, assuming that use has satisfied all the other four factors of fair use. Streamed music or video for use *only during face-to-face classroom instruction* is probably allowed under Section 110(1) and, therefore, poses little risk.

Streamed portions of a film linked through a Course Management System for use by students *outside of class* may be justified by the TEACH Act. Streaming of an *entire film*, even to an audience restricted to a specific class, is an aggressive approach to fair use.

### **File sharing of copyrighted materials**

Section 512 of the Digital Millennium Copyright Act (DMCA) provides limited liability for university networks acting as Internet service providers (ISPs) for students and faculty, provided that certain requirements are met. It also has anti-circumvention provisions that prohibit the unauthorized circumvention of technological measures that control access to a copyright protected work. Such technological measures may involve a password or encryption; breaking the password or encryption is prohibited, even if the purpose for which access is desired would itself be permitted. In 2008, Congress passed the Higher Education Reauthorization Act, which includes a provision related to peer-to-peer file sharing. Institutions are required to disseminate an annual disclosure to students that (1) states that unauthorized distribution of copyrighted material, such as through peer-to-peer networks, may subject students to civil and criminal penalties, (2) describes the penalties for such violations, and (3) includes the institution's policies on peer-to-peer file sharing.

The Vice President for Information Technology Services is the DMCA Agent to receive notices of alleged infringement. Please see the college's statement on [copyright infringement and file sharing and procedures for handling violations](#).

### **Peer-to-Peer Programs (P2P)**

Spurred on by the widespread use of the Internet, P2P programs have been developed to allow people to share information in digital formats. In particular, programs like KaZaA, Gnutella, Morpheus, AudioGalaxy, and others are commonly used to share music and movies without regard to the restrictions placed on that material by the copyright owners. Most commercially produced music and movies are copyrighted and cannot be freely downloaded or shared despite the ease of doing so. This is the law.

At Colorado College, we expect all system users to adhere to relevant copyright laws. Because our bandwidth is a costly and limited resource, we give priority to academic uses of our network. The downloading of music and movie files, which tend to be large, slows down our network for everyone. Thus while we do not access or examine the information content that is being transmitted (e.g., a particular song or video), ITS does monitor the type of information (e.g., MP3 file) so we can throttle such uses. This "traffic shaping" is a practice that is used at most higher education institutions today. We strongly encourage all members of the college community to be responsible users of our network resources – see our [Acceptable Use Policy](#).

### **The Digital Millennium Copyright Act (DMCA)**

The DMCA specifies procedures that Colorado College and other higher education institutions must follow when notified that an individual using our network is violating copyright laws. If the copyright holder contacts IM about a violation we will notify the user that a notice has been received, require removal of the offending material from the user's computer and may stop network access for the user. Such users have the right to claim that the material is not protected by copyright and defend their actions at their own expense against the copyright holder. To date, every notice we have received has resulted in the offending material being removed.

### **Recent Legal Actions**

Recently, the RIAA has taken further action to subpoena the names of people who are sharing large amounts of music. If Colorado College receives a subpoena, we are legally required to provide the names of the violators using our network. These subpoenas can lead to lawsuits, substantial financial penalties and perhaps jail time. In the spring of 2003, for example, four students at other colleges settled copyright claims against them out-of-court for approximately \$15,000 each. The consequences of illegally sharing copyrighted material over the Internet are serious. Some people have argued that the recording industry has been overcharging for music CDs and that music sharing is justified. Others feel that the recording industry has been too slow to adopt legal ways for music to be distributed over the Internet at lower cost. Regardless of these or other justifications, most music and movie downloading and sharing violates the law that we are bound to uphold. If you download and/or distribute copyrighted music and videos you are putting yourself at risk of losing computing privileges and facing prosecution under civil and criminal laws.

### **Protecting Yourself**

Because of functionality built into file-sharing software resident on your computer, your audio and video files may be available for uploading over the Internet without your knowledge or permission. For more information on how to turn off this functionality, and for other tips on responsible computing, please contact the Help Desk (x-6449 or e-mail [HelpDesk@coloradocollege.edu](mailto:HelpDesk@coloradocollege.edu)).

## **Majors & Minors Policy**

Responsible office

Registrar

Responsible party

Registrar

Last revision

September 2017

Approved by

Faculty Executive Committee

Approval date

July 2014

Effective date

July 2014

Last review

July 2019

Additional references

None

### **Scope**

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

### **Policy**



## Requirements for a Major

Students must declare a major by the end of their sophomore year. To declare a major, students must file a Declaration of Major form with the Office of the Registrar. There are more than 40 possible majors at Colorado College, including a major of the student's own design, the Independently Designed major.

## Double Major

Students at Colorado College may complete a double major. The two majors may be from traditional departmental majors or an interdisciplinary major and a departmental major as long as the latter is not a discipline making up part of the interdisciplinary major. Double majors require completion of all requirements for the two fields. The following rules must be observed:

- Both departments must approve the option.
- In no case may more than three courses within the majors overlap.
- The student must have an advisor in each major.
- The student must complete all-college requirements.
- The completed major(s) will be recorded on the student's official transcript.

## Minors

Colorado College offers two categories of minors: departmental minors and thematic minors. Minors are not required for the degree. Students may complete a double minor in either category; or in a single category; but no more than two of either category. Students electing to complete two minors may not have any overlapping courses. A single course cannot be used to count for two minors. One unit of the minor, but no more than one, may be in the major department.

## Procedures

None

## Definitions

None

## Privacy and Release of Student Education Records (FERPA)

Under the federal Family Educational Rights and Privacy Act (FERPA), otherwise known as the Buckley Amendment, the privacy of educational records are protected. As such, Colorado College has expectations in place regarding access to those records and release of information from those records.

Responsible office

Provost

Responsible party

Office of the Provost

Last revision

August 2013

Approved by

The Cabinet

Approval date

August 2013

Effective date

August 2013

Last review

August 2013

Additional references

Family Educational Rights and Privacy Act of 1974; USA PATRIOT Act of 2001

## Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## Policy

### Authorities delegated and retained/administrative responsibility

The president of the college delegates administration of the FERPA policy to the dean of the college. The dean of the college will ensure that the college has procedures in place to ensure compliance with FERPA.

### Annual notification

On an annual basis, the college will send a notice to enrolled students to explain student rights under FERPA.

### Rights under FERPA

#### (a) *Right to access*

A student should submit a written request to the registrar of the college that identifies the record(s) the student wishes to inspect. In a timeframe not to exceed 45 days after receipt of the request, the registrar will make arrangements for access and notify the student of the time and place where the records may be inspected.

Students also have the right to:

- Be provided with a list of personal educational records, files, and documents maintained by Colorado College
- Obtain copies of records at the student's own expense
- Receive a response from the college to a reasonable request for explanation or interpretation of records

#### (b) *Right to challenge record content*

In the event a student believes that his/her education record is inaccurate, misleading, or otherwise in violation of the student's rights under FERPA, the student may request an amendment to the

education record. The student initiates this process by making this request in writing to the registrar of the college. The request should clearly identify the part of the record the student wishes to amend along with the basis for the amendment.

If the college determines that an amendment is not warranted, the Registrar's Office will notify the student in writing of that decision. The registrar's communication to the student will also advise the student that he/she has a right to a hearing regarding the request for an amendment and include information on the college's hearing process.

(c) *Right to provide written consent*

A student has the right to provide written consent before the college discloses personally identifiable information (PII) from the student's education record except under certain circumstances. These include FERPA authorized disclosure and other federal authorizations, such as the USA PATRIOT Act.

**FERPA-based exemptions from obtaining students' prior written consent**

- School officials with legitimate educational interests

The college can disclose education records without a student's prior written consent to a school official (definition below).

- Officials of another school in which a student seeks or intends to enroll

Upon request, the college may disclose education records to the officials of another school in which a CC student seeks to enroll, intends to enroll, or is already enrolled. Colorado College states in its annual notification to students that it intends to forward records upon receipt of such requests.

- Personally identifiable information (PII) from students' education records

FERPA permits the disclosure of PII from students' education records without consent from the student under certain circumstances. The college may disclose PII from education records without obtaining prior written consent of the student in the following cases:

- (1) To other college officials, including professors within the college whom the college has determined to have legitimate educational interests. This includes contractors, consultants, volunteers, or other parties to whom the school has outsourced institutional services or functions, provided that certain conditions are met.
- (2) In connection with an audit or evaluation of federal education programs, or for the enforcement of or compliance with federal legal requirements that relate to those programs. These entities may make further disclosures of PII to outside entities that are designated by them as their authorized representatives to conduct any audit, evaluation, or enforcement or compliance activity on their behalf.
- (3) In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid.
- (4) To organizations conducting studies for, or on behalf of, the school, in order to: develop,

validate, or administer predictive tests; administer student aid programs; or improve instructions.

- (5) To accrediting organizations to carry out their accrediting functions
- (6) To parents of an eligible student if the student is a dependent for IRS tax purposes
- (7) To comply with a judicial order or lawfully issued subpoena
- (8) To appropriate officials in connection with a health or safety emergency, subject to certain criteria
- (9) Information the college has designated as “directory information.” At Colorado College, each residence hall room has been assigned a telephone number. At the beginning of the academic year, a temporary listing of students with on-campus telephone and room numbers will be made available to the campus. Later in the fall, the campus telephone directory is published with the following information: student’s name, Worner Center mailbox number, local telephone number, campus or local address, and home address. If students do not want to be listed in the directory, they may fill out the appropriate form at registration.
- (10) To a victim of an alleged perpetrator of a crime of violence or a non-forcible sex offense, subject to certain requirements. The disclosure will include only the final results of the disciplinary proceeding with respect to that alleged crime or offense, regardless of the finding.
- (11) To the general public, the final results of a disciplinary proceeding, subject to certain requirements, if the college determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and the student has committed a violation of the college’s rules or policies with respect to the allegation made against him or her.
- (12) To parents of a student regarding the student’s violation of any federal, state, or local law, or of any rule or policy of the school, governing the use or possession of alcohol or a controlled substance if the school determines the student committed a disciplinary violation and the student is younger than 21.
- (13) To companies that have been contracted by the college to manage a college operation. For example, the college contracts with a third party to manage the billing for student long-distance telephone service. These companies sign a contract stating that this information is confidential and will not be made public.

### **USA PATRIOT Act-based release without prior written consent**

The Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism (USA PATRIOT Act) allows the attorney general or the attorney general’s designee to collect education records in the college’s possession if those records are relevant to an authorized investigation related to an act of domestic or international terrorism. (USA PATRIOT Act Section 507).

### **Information about the college**

According to federal regulations, all prospective and current students have a right to know specific information about the college they are considering or currently attending. The following chart lists topics of interest and the offices from which you can obtain information:

| <b>Topic</b>                              | <b>Source of information</b>   |
|---|--|
| General college information               | Catalog of courses, Registrar's Office, Admissions Office  |
| Financial aid                             | Catalog of courses, Financial Aid Handbook, Financial Aid Office, Admissions Office  |
| Refund policy                             | Catalog of courses, Financial Aid Handbook,<br>Student Loans and Accounts Office, Financial Aid Office,<br>Student Life Office |
| Graduation rates                          | Registrar's Office, Office of Institutional Research   |
| Drug and alcohol abuse prevention         | Associate dean of students   |
| Campus safety report                      | Associate dean of students   |
| Athletics participation rates and gender  | Athletics Department   |
| Athletics financial support data          | Athletics Department   |
| Athletics revenue and expense information | Athletics Department   |

### **Filing a complaint**

Students may contact the U.S. Department of Education concerning any alleged failure of Colorado College to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Policy Compliance Office

U.S. Department of Education

400 Maryland Ave., SW

Washington, D.C. 20202-5901

### **Procedures**

None

### **Definitions**

#### **Education record:**

those records, files, documents, and other materials which (1) contain information directly related to the student; and (2) are maintained by the college or by a person acting on behalf of the college. The following are not education records:

- (1) Records of instructional, supervisory, and administrative personnel and educational personnel that are not accessible to anyone else other than a substitute

- (2) Records maintained by Campus Safety
- (3) Records made and maintained in the normal course of business by those employed by the college, as long as the records relate exclusively to that person's capacity as an employee and are not available for use for any other purpose than the normal course of business;
- (4) Records made, maintained and used related to the treatment of a student (18 years of age or older) by a physician, psychologist, psychiatrist, or other recognized professional or paraprofessional. These records are not available to anyone other than the persons providing the treatment except a physician or other appropriate professional of the student's choice.

**Directory information:**

includes the student's name, address, telephone listing, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and the most recent institution attended by the student.

**Eligible student:**

under FERPA, an eligible student is one who is 18 years of age or older or who attends a postsecondary institution.

**School official:**

a person employed by the college in an administrative, supervisory, academic, research, or support staff position (including law-enforcement unit personnel and health staff); a person serving on the board of trustees; or a student serving on an official committee, such as a disciplinary or grievance committee. A school official also may be a volunteer or contractor outside of the college who performs an institutional service or function for which the college would otherwise use its own employees and who is under the direct control of the college with respect to the use and maintenance of PII from education records, such as an attorney, auditor, or collection agent or a student volunteering to assist another school official in performing his/her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his/her professional responsibilities for the college.

## **Registration & Course Enrollment Expectation Policy**

Responsible office

Registrar

Responsible party

Registrar

Last revision

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Approved by

Faculty Executive Committee

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Additional references

None

## Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## Policy

### Term Check-In

Although most students have selected their courses prior to the beginning of the fall and spring terms, all students (new, continuing, transfers and readmits) must officially check-in at the beginning of each term — Blocks 1 and 5. This process validates the student's arrival on campus, intent to participate in courses for the semester and to fulfill all financial obligations. Failure to do so may result in courses being dropped. It is the student's responsibility to notify the registrar's office if he or she will not attend for the term.

### Preregistration

Preregistration is a formal process for registering for courses in advance. Preregistration at Colorado College is unique in that the Points System (a 40- point per semester, sealed bid-system) will determine who is enrolled and who is placed on a waiting list for a course based on the student's point bid. Colorado College's academic year is broken up into 8 blocks; blocks 1 – 4 take place in the Fall and blocks 5 – 8 take place in the Spring. Students are required to register in a course for each block per semester. The majority of block courses take place over a one-block period (1-unit), however, there are also block course offerings that take place over a two-block period (2-units). Students can sign up for any combination of the two to total a minimum of 4 units each semester. To submit their Preregistration for processing, each student is assigned a Preregistration Passcode (a 6-letter combination code) for each Preregistration term. All students must meet with their Advisors to receive their passcode for the term; passcodes will not be accessible at the Registrar's Office.

### FALL PREREGISTRATION

In the spring (block 7), students will participate in Fall Preregistration to plan out their next full academic year. Students will be allowed 40-points to distribute between their blocks 1 – 4 courses and 40-points to distribute between their saved course choices for blocks 5 – 8. Fall Preregistration will formally process course registrations and points for the following fall semester and enroll students in courses or place them on a waiting list based on the student's point bid. Students' spring selections and points will be saved as a draft to be revisited and processed during Spring Preregistration in the fall.

### SPRING PREREGISTRATION

All students, returning and new first-years, will participate in Spring Preregistration in block 3. If a student has already created a saved draft of their spring course selections and points, they will be

able to either revise or formally submit for processing. Like Fall Preregistration, students will be allowed 40-points to distribute between their blocks 5 – 8 choices. Spring Preregistration will formally process course registrations and points for the spring semester and enroll students in courses or place them on a waiting list based on the student's point bid.

## **FIRST-YEAR STUDENT PREREGISTRATION**

Separate from Fall and Spring Preregistration, new first-year students participate in First-Year Student Preregistration in block 2. New first-year students are mandatorily enrolled in blocks 1 and 2 with their First-Year Experience courses. First-Year Student Preregistration is the formal process for new first-year students to register for blocks 3 and 4 and to select their spring courses to be saved as a draft to return to during Spring Preregistration. In First-Year Student Preregistration, students are allowed 20-points to distribute between their choices for blocks 3 & 4 and will be enrolled in courses or placed on waiting lists based on the student's point bid. Students will also have 40-points to distribute for their saved spring course selections. \*Note for Transfer Students: New transfer students are not required to take an FYE, First Year Experience course. Transfer students admitted in the Fall or Winter send their course registrations to the Registrar's Office before classes begin and can choose from the complete course listings; typically courses that have availability. Transfer students do not bid points for courses offered in their first semester at CC because Preregistration for returning students has already been processed.

### **Extended Format and Adjunct Courses**

Extended format and Adjunct courses are partial-credit (0.25 or 0.5) courses taken over the course of a semester at the same time the student is enrolled in full-credit block long courses.

In extended-format courses, students may take no more than one extended-format course per semester (one-half unit) and one extended-format course spanning the year (one unit) unless the vice provost's office grants permission for an overload.

In each adjunct course, students may earn one-quarter unit toward their degree requirement for each semester of work. Students may take no more than three adjunct courses per semester unless the Registrar's Office grants permission for an overload. In no case may students count more than two total units of adjunct credit towards the general education degree requirements.

### **Course Changes**

Students are permitted to add a course in progress during the first two days of a block with the consent of the instructor. They may drop a course through 5 p.m. Tuesday of the second week. The half-block may be dropped by Thursday at 5 p.m. Students should be aware, however, that adding a course after the first two days of the block will be difficult or impossible, so that credit for the block will be lost if the course is dropped after the first two days. Students may add or drop courses to be taken in future blocks at any time prior to the beginning of those courses without the instructors' consent. Exceptions to the procedure must be authorized by the vice provost's office and affected professors. Students may not drop a course if involved in an Honor Council investigation.

One of the primary goals of the Block Plan is to provide a framework within which students may devote all of their formal academic efforts to one course. Thus, it is not possible to register for more than one principal course during a block. However, students may also enroll in a maximum of three adjunct courses and a maximum of .5 unit of extended-format courses per semester. Students may also take a maximum of .5 units during the January half-block. Unapproved



overloads result in a loss of credit.

### **Waiting Lists**

A student is permitted to be on one waiting list for each block. When an opening is available in a course, the student first on the waiting list is automatically added when a space becomes available. Notification will be sent to the student's Colorado College e-mail address. If a student is enrolled in another course the same block, this course is automatically dropped. Students who are allowed into class from the waiting list by the professor on the first day of class must officially add the course through the drop/add application with the consent of the instructor. Students who fail to officially add the course lose the option of taking the course on the Pass/Fail option and must take the course for a letter grade.

### **Procedures**

None

### **Definitions**

None

## **Satisfactory Academic Progress Policy**

Responsible office

Registrar

Responsible party

Registrar

Last revision

September 2017

Approved by

Faculty Executive Committee

Approval date

July 2014

Effective date

July 2014

Last review

July 2019

Additional references

None

### **Scope**

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

### **Policy**

Thirty-two units are required for graduation. Students should be aware that illness or grades of No

Credit might prevent completion of one or more units during their four-year academic career. If necessary, the student can make up these losses by taking courses in the Summer Session or by taking adjunct courses (.25-unit each), extended-format courses (.5 units per semester), or the January half-block (.5 unit) to reach the minimum requirement of 32 units. Students who receive financial aid must make satisfactory academic progress. Eligibility for Colorado College financial aid extends for eight semesters or through a semester in which 32 units are completed, whichever comes first. All credits earned and accepted by the registrar's office are used to determine financial aid eligibility. Advanced Placement (AP) credits, International Baccalaureate (IB) credits, credits for half-blocks and extended-format courses, and adjunct credits are not used when determining the 32-unit (8 semester) institutional financial aid limit. For academic purposes of this policy, Colorado College does not consider Summer Session a full academic semester. For Federal Financial Aid review purposes, Summer Session is considered as a full academic semester. To compare Colorado College's academic guidelines and financial aid academic progress policies, please consult with the Office of Financial Aid at Colorado College.

Each full-time student is allowed five years (10 semesters) to complete a Bachelor of Arts degree and receive federal financial aid. It should be noted that students have 48 attempted units of eligibility for federal funds. The limit for college funding is eight semesters.

| Full-Time Semester | Recommended Minimum #<br>Units | Recommended Minimum<br>Cumulative GPA |
|--------------------|--------------------------------|---------------------------------------|
| 1                  | 2 units                        | 1.7                                   |
| 2                  | 6 units                        | 1.7                                   |
| 3                  | 9 units                        | 2.0                                   |
| 4                  | 12 units                       | 2.0                                   |
| 5                  | 15 units                       | 2.0                                   |
| 6                  | 19 units                       | 2.0                                   |
| 7                  | 23 units                       | 2.0                                   |
| 8                  | 26 units                       | 2.0                                   |
| 9                  | 29 units                       | 2.0                                   |
| 10                 | 32 units                       | 2.0                                   |

## Procedures

None

## Definitions

None

## Scholarly Misconduct

Scholarly misconduct in the work of faculty is considered a serious offense by the College. Scholarly misconduct is defined as fabrication, falsification, plagiarism, or other practices which seriously deviate from those that are commonly accepted within the academic community for proposing, conducting, or reporting research. This policy is intended to clarify the College's definition of scholarly misconduct and provide the college community with information on how allegations of scholarly misconduct will be handled.

Responsible office

Dean of the College

Responsible party

Dean of the College

Last revision

December 2005

Approved by

Faculty Executive Committee

Approval date

December 2005

Effective date

December 2005

Last review

December 2005

Additional references

National Science Foundation Award and Administration Guide (Chapter VII.C.); Public Health Service Policies on Research Misconduct (42 CFR Parts 50 and 93)

## Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## Policy

Scholarly misconduct in the work of faculty is considered a serious offense by the College. Scholarly misconduct is defined as fabrication, falsification, plagiarism, or other practices which seriously deviate from those that are commonly accepted within the academic community for proposing, conducting, or reporting research. Scholarly misconduct does not extend to honest error or honest differences in interpretations or judgments about scientific data or other research materials.

## Procedures

### Informal Inquiry

Apparent cases of scholarly misconduct should be brought to the attention of the Dean of the College. The Dean will conduct an inquiry into the allegations, in consultation with the Executive Committee of the appropriate division.

### Formal Investigation

In every instance in which the Dean finds support for the allegations of scholarly misconduct, the Dean shall request that the Faculty Executive Committee appoint a three-member committee to hear the allegations. The accused faculty member shall be given reasonable notice in writing of the allegations. The faculty member shall be apprised of the evidence against him or her prior to the hearing, shall be afforded full opportunity to be heard, and to present such evidence on his or

her own behalf as he or she may elect. A verbatim record of the hearing will be made and a typewritten copy made available without cost to the faculty member upon request. If the faculty member elects, he or she may be represented by legal counsel at the hearing, but counsel will not be permitted to object to the introduction of evidence.

### **Report of Results**

If the hearing committee finds the faculty member guilty of scholarly misconduct, the results of the hearing will be reported to the President of the College and to any federal or other granting agencies involved in funding the faculty member's research. The President will decide upon and implement such institutional sanctions as he or she deems appropriate, following consultation with the Dean of the College, the Faculty Executive Committee, the hearing committee, and the affected faculty member.

## **Smudging and Pipe Ceremonies**

In support of the cultural integrity of our Indigenous/Native American students, faculty, staff, and guests, and in accordance with the 1978 American Indian Religious Freedom Act, Colorado College has developed this Smudging and Pipe Ceremonies Policy. The smudging and pipe ceremonies described in this policy are the only exceptions to Colorado College smoking, tobacco, and fire regulation policies. The practice of smudging and pipe ceremonies are protected under Colorado College's Anti-Discrimination Policies and Procedures.

Responsible office

Student Life

Responsible party

Vice President for Student Life/Dean of Students

Last revision

September 2018

Approved by

The Cabinet

Approval date

September 2018

Effective date

September 2018

Last review

September 2018

Additional references

Anti-Discrimination Policy

### **Scope**

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

### **Policy**

### **Purpose**

Colorado College recognizes that our institution was founded upon, and rests upon, ancient tribal lands first occupied by Indigenous/Native American Peoples, primarily the Ute, Cheyenne, Arapahoe, and Kiowa Nations, and other First Peoples of these lands. The college also recognizes that there are many indigenous religious ceremonies and sacred traditions practiced by Indigenous/Native American Peoples, including smudging and pipe ceremonies. Smudging and pipe ceremonies may incorporate the smoke of sage, sweetgrass, cedar, tobacco, and other related medicinal plants as elements of purification and sacred ceremony.

Colorado College has designated venues on campus for Indigenous/Native American students, faculty, staff, and guests to practice smudging and/or pipe ceremonies associated with traditional religious ceremonies and observances. Additionally, the College recognizes and supports Indigenous/Native American students engaging in these sacred practices within the privacy of their residence hall rooms.

The purpose of this policy:

- To protect, promote, and facilitate Indigenous/Native American students, faculty, staff, and visitors practicing Indigenous/Native American religious traditions and ceremonies, including smudging and pipe ceremonies, and to do so in harmony with established college smoke and fire policies.

Practices related to this policy will assist organizers of smoke-generating Indigenous/Native American religious ceremonies and practices to identify appropriate spaces, proposed communications, and safety measures to endeavor meaningful and healthy experiences for all members of the campus community. Students, faculty, staff, and guests who are not Indigenous/Native American, but who wish to engage in ceremonies and practices which also generate smoke, should contact the Chaplain's Office.

## Policy

Colorado College is committed to facilitating religious ceremonies and sacred traditions for Indigenous/Native American students, faculty, staff, and guests while acknowledging that some people may have health considerations which could be impacted by ceremonial smoke, and that others may be bothered by the smoke. This policy recognizes the College's priority to provide environments free from recognized health hazards while recognizing and accommodating the integrity of Indigenous/Native American religious ceremonies and sacred traditions. Typically, the smoke associated with smudging and/or pipe ceremonies lasts for a brief duration of time. However, it is possible that others may smell the smoke from the lighted sage, sweetgrass, cedar, tobacco, and other related medicinal plants.

This policy shall supersede in the event of any conflict with policies as outlined in the Colorado College Smoke and Tobacco-Free Campus Policy and Residential Life and Housing Policies. All students are expected to abide by policies and procedures as outlined in Student Honor and Community Standards.

## Procedures

Indigenous/Native American students, staff, faculty, and guests who wish to engage in religious ceremonies and sacred traditions of smudging and/or pipe ceremonies in designated spaces must first:

- Submit a completed **Ceremonial Use Notification Form**;

- This form is available online on the Chaplain's Office website, and the Campus Safety website;

<https://www.coloradocollege.edu/offices/chaplainsoffice/>

<https://www.coloradocollege.edu/offices/campussafety/safety-programs-and-services/smudging-policy.html>

- Hard copies of the Ceremonial Use Notification Form are also available at the Chaplain's Office or the front desk of Mathias, Loomis, or South Halls.

The completed Ceremonial Use Notification Form will be reviewed by the Indigenous/Native American Support Advisory Committee, which includes: current Indigenous/Native American Colorado College students, an Indigenous/Native American Colorado College alumnus, Indigenous/Native American tribal Elder(s), a counselor specializing in Indigenous/Native American support, the chaplain to the college, senior associate dean of students, member(s) of Residential Life & Campus Activities, and a member of Facilities Services. The purpose of the review is to notify key members of the campus community so that they can support those Indigenous/Native American students, faculty, staff, and guests wishing to engage in smudging and/or pipe ceremonies; the Advisory Committee is not an approval body.

The completed Ceremonial Use Notification Form will be kept on file with Campus Safety, Residential Life & Campus Activities, and the Chaplain's Office.

### **Designated Spaces**

Indigenous/Native American students, faculty, staff, and guests may practice smudging and/or pipe ceremonies in the following indoor, outdoor, and event spaces:

#### **1. Residence Hall Rooms**

Colorado College employs the following practices regarding smudging and/or pipe ceremonies in residence halls, as practiced by Indigenous/Native American students:

- Residential Life & Campus Activities staff and Campus Safety staff should never interrupt Indigenous/Native American students in the practice of religious ceremonies and sacred traditions;
- If Residential Life & Campus Activities staff and Campus Safety staff are unsure about the appropriate use of smoke-related items as a part of an Indigenous/Native American spiritual practice, then those staff members should document the incident in detail, taking care to respect these items by not touching, handling, or confiscating them.

#### **2. Office and Work Spaces**

Indigenous/Native American students, faculty, staff, and guests may practice smudging and/or pipe ceremonies in an office or work space provided that they:

- Have a completed Ceremonial Use Notification Form on file with Campus Safety or Residential Life & Campus Activities, or the Chaplain's Office;
- Notify their immediate supervisor; it will then be up to the immediate supervisor to inform others as needed, emphasizing the importance and sacred significance, and that the practice/ceremony is not to be interrupted.

### 3. Approved Classrooms and Meeting Rooms

Instructors/facilitators must:

- Inform participants/meeting attendees of the intention to use sage, sweetgrass, cedar, tobacco, and other related medicinal plants in the space; instructor will discern reasonable notice for their students;
- Provide reasonable notice to neighboring classrooms and other spaces;
- Observe all emergency procedures, including locating the nearest fire extinguisher

Students with physical sensitivities to smoke or scent should be allowed to make alternate arrangements with the instructor regarding course participation.

### 4. Outdoor Spaces

- Indigenous/Native American students, faculty, staff, and guests may practice smudging and/or pipe ceremonies in all outdoor spaces on college property.

### 5. Event Venues

- Event venues in which Indigenous/Native American students, faculty, staff, and guests wish to practice smudging and/or pipe ceremonies must be evaluated for approval at least three (3) business days in advance of the event by the director of Facilities Services and the director of Campus Safety/Emergency Management;
  - The director of Facilities Services and the director of Campus Safety/Emergency Management will:
    - Evaluate the fire and ventilation systems in the requested space- If not viable for safety reasons, another space will be recommended;
    - Inform other relevant support staff

### 6. Other Considerations

- Facilities Services and Campus Safety/Emergency Management will work with the organizers to ensure fire alarms will not disrupt the smudging and/or pipe ceremony as practiced by Indigenous/Native American students, faculty, staff, and guests.

Any member of the Colorado College community who has questions regarding smudging and/or pipe ceremonies should contact a member of the Native/Indigenous Support Advisory Committee.

## Student Time Off, Withdrawal, & Reinstatement Policy

Responsible office

Student Opportunities and Advising Hub (the Hub)

Responsible party

Student Opportunities and Advising Hub (the Hub), Office of the Provost

Last revision

August 2017

Approved by

The Cabinet

Approval date

August 2017

Effective date

August 2018

Last review

April 2020

Additional references

None

## Scope

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## Policy

### Expectations for Full-Time Enrollment:

Colorado College values and expects a high level of student engagement both in and out of the classroom. **All students are expected to be enrolled as full-time students.** First-year and sophomore students are required to take four blocks each semester. Transfer students are required to enroll in four blocks each semester in each of their first two semesters at the college, even if they matriculate with two years of credit or reach the equivalent of 16 blocks of credit in their first or second semester at the college.

Part-time enrollment (less than three blocks per semester) is discouraged and students must obtain written permission from the Student Opportunities and Advising Hub (the Hub). All students who complete fewer than three blocks in a given semester will be placed in a status of Withdrawal with an Intent to Return.

## Procedures

### Requesting Permission for a Block off:

**First-years and Sophomores:** First-year and sophomore students cannot register for a block off and must be granted permission from the Student Opportunities and Advising Hub (the Hub) if they want to take a block off. First-year and sophomore students cannot drop a class without adding a class unless they have a discussion and complete a block off or leave form with a staff member from the Hub. Students should go to this link to schedule an appointment with a Hub staff member: <https://www.coloradocollege.edu/other/advising-hub/>

**Juniors and Seniors:** Students with junior or senior standing may request to take one block off per semester at the time of course registration. These students must register using the block-off code (GS 391) after discussing this choice with their academic advisor. Students enrolled in three blocks per semester are considered to be full-time students and must still pay a full semester of tuition, room and board, and fees. There is no refund for taking a block off.

**Transfer Students:** Students who have transferred in to Colorado College must earn a minimum of 8 units of credit at CC and have achieved **Junior status** (at least 16 units of total credit), before requesting one block off per semester. These students must register using the block-off code (GS 391) after discussing this choice with their academic advisor. Students enrolled in three blocks per



semester are considered to be full-time students and must still pay a full semester of tuition, room and board, and fees. There is no refund for taking a block off.

***Part-Time Enrollment or Withdrawal with an Intent to Return (for students who do not maintain full-time enrollment):***

Any student who is taking more than one block off in a given semester must obtain permission from the Student Opportunities and Advising Hub (the Hub) to pursue their studies on a part-time basis. During these blocks off, students will be placed in a status of Withdrawal with an Intent to Return. During this time, students will not be actively enrolled and will not have the privileges afforded to enrolled students, including, but not limited to, access to facilities, residence halls, or the meal plan unless they have written authorization from the Hub. The student's Gold Card will be deactivated. Part-time students will be billed the per-block charge equivalent to one-third of a semester for each block enrolled.

If Withdrawal with an Intent to Return is granted **for personal reasons** (such as medical, financial, or other personal circumstances), the student must reconfirm their return date by writing the Senior Associate Dean of Students no later than **November 1** for a Spring Semester return or **March 1** for a Fall Semester return, unless otherwise stipulated by the Hub. Failure to adhere to the stated deadlines may result in a withdrawal from the college.

If Withdrawal with an Intent to Return is **required by the college** (in cases such as academic suspension, financial suspension, disciplinary suspension, involuntary medical leave, etc.), the student will receive a letter from the Hub detailing the requirements for return. Failure to adhere to the stated deadlines or conditions may result in a withdrawal from the college.

**Withdrawal from the College:**

Students must contact the Student Opportunities and Advising Hub (the Hub) if they intend to withdraw from the college. If they choose to enroll as a degree-seeking undergraduate student (a transfer student) at another institution or they do not qualify for or adhere to the standards of a Withdrawal with an Intent to Return, they must withdraw from the college or they may be withdrawn from the college.

Withdrawal forms are available in the Hub. Until a student has officially withdrawn, completed the necessary paperwork, and received written authorization from the Hub, no refund of the general obligation deposit will be considered. To receive a refund, a student must give notice of withdrawal by **November 1** for Spring Semester. For Fall Semester, to receive a refund a student must give preliminary notice of withdrawal by **March 1**; final notice must be given by **June 15**.

Whenever possible, the Hub requires an exit interview prior to a student's withdrawal from the college. All withdrawals require a form to be completed by a Hub staff member.

**Reapplying to Colorado College after Withdrawing from the College:**

If a student withdraws from the college to transfer to another institution, they must reapply through the Office of Admission and meet the transfer deadlines of **November 1** for Spring Semester or **March 1** for Fall Semester.

If a student withdraws for other reasons, such as travel or an internship, and has been away for less than two semesters, they may request reinstatement by writing directly to the Advising Hub. The deadlines to request reinstatement are **November 1** for the Spring Semester and **March 1** for Fall Semester. Students seeking need-based financial assistance upon their return must meet the stated

financial aid deadlines. If more than two semesters have passed since a student's withdrawal date, they must reapply through the Office of Admission.

### **Blocks Off and Withdrawal With an Intent to Return – Eight-Block Maximum**

If a student accumulates a total of eight blocks without being enrolled in a class, they may be withdrawn from the college. The eight-block maximum includes the accumulation of individual blocks not enrolled in a course (i.e. block off), and time while in the status of “withdrawn with an intent to return”. A student needs to petition the Office of Admissions for reinstatement. If granted, a student must demonstrate immediate and sustained progress toward earning their degree.

### **Utilizing the One-Block Wildcard for Summer Study:**

After one semester of study at Colorado College, all students are given a Wild Card that can be used to cover the CC tuition of the first, one Block, regularly scheduled summer course they take before graduation. Through the use of the Wildcard, students can earn a block of credit that they need to keep them on track for graduation or to just take a course that interests them. Students should talk with their faculty and staff advisor about their academic plans and goals. Students do not need to notify student accounts or Summer Session to use the Wild Card, it is applied to the student account automatically for the first summer course they take.

## **Veterans Readmission**

In accordance with the Higher Education Opportunity Act of 2008, the college will comply with expectations related to readmission of students with absences necessitated by service in the uniformed forces\*.

Responsible office

Dean of the College

Responsible party

Registrar of the college

Last revision

August 2013

Approved by

The Cabinet

Approval date

August 2013

Effective date

August 2013

Last review

August 2013

Additional references

Higher Education Opportunity Act of 2008

### **Scope**

All financial and administrative policies involving community members across campus are within the scope of this policy. If there is variance between departmental expectations and the common approach described through college policy, the college will look to the campus community to support the spirit and the objectives of college policy.

## Policy

### Authorities delegated and retained/administrative responsibility

The president of the college delegates administration of readmission related to students in good standing who have serviced in uniform services to the dean of the college.

### Readmission

If a student's absence is necessitated because of service in the uniformed services, upon receipt of the student's intent to reenroll, the college will readmit the student if:

- The student (or appropriate officer of the Armed Forces or the Department of Defense) gives the college advance notice of the service
- The cumulative length of the absence and all previous absences from the college because of service to the uniformed services does not exceed five years
- The student notifies the college of the intent to return no later than three years after the completion of the period of service

Students who apply for readmission under this policy shall provide documentation to establish that the service limitation (five years) has not been exceeded. Also, the student's eligibility for readmission has not been terminated due to (a) separation from the Armed Forces (including the National Guard and Reserves) with a dishonorable discharge or bad conduct discharge or (b) dismissal or dropping under the United States Code.

### Exceptions

Advance notice: A military necessity\* may preclude advance notice from the student. Also, the notice requirement may be met at the time the student seeks readmission through an attestation that the student performed service in the uniformed services.

Notification of intent to return: A student who fails to apply for readmission within the three-year period stated under the Higher Education Opportunity Act does not automatically forfeit readmission. In that instance, the student becomes subject to the college's established leave of absence policy and general protocol. Also, a student who is hospitalized or convalescing due to an illness or injury resulting from or aggravated during the period of service shall notify the college of the intent to return no later than two years after the period that is necessary for recovery.

### Procedures

None

### Definitions

#### Service in the uniformed services:

service (whether voluntary or involuntary) on active duty in the Armed Forces, including service in the National Guard or Reserve for a period of more than 30 days.

#### Military necessity:

mission, operation, exercise, or requirement that is classified or that otherwise could be compromised if it were public knowledge.

**Five-year service period:**

does not include any service that (1) is required beyond five years to complete an initial period of obligated service; (2) the student was unable to obtain orders to be released before the expiration of the five-year period; (3) ordered or retained on active duty or called into federal service as a member of the National Guard.

# Tuition & Fees

## Academic Year 2020-21

### Fixed Direct Charges

|                      |          |  |
|----------------------|----------|--|
| Tuition*             | \$60,390 |  |
| Student Activity Fee | \$474    | This pays for all activities funding through CCSGA   |
| Housing Allowance    | \$7,992  | Based on a double room in a residence hall (cost of attendance does not increase for more expensive housing options) |
| Meal Allowance       | \$5,400  | Based on meal plan B   |

### Estimated Expenses (based on averages for a 9 month period)

|                  |         |                       |
|------------------|---------|-----------------------|
| Books & Supplies | \$1,240 |                       |
| Misc. Allowance  | \$1,354 | Personal expenses     |
| Transportation   | \$1,230 | 2-3 trips home a year |

**Total cost     \$78,080**

**Health Insurance**     \$2,770     Additionally, **all students are required to have health insurance** while attending Colorado College and to provide annual proof of coverage. The college offers a comprehensive Student Health Insurance Plan. If a student elects coverage under a different plan, their health insurance must meet minimum criteria, which are available on the [\*\*Student Health Insurance Plan website\*\*](#). More information is available with our [\*\*Student Health Center\*\*](#).

**Estimated cost if you are required to sign up for the Student Health Insurance Plan due to inadequate coverage**     **\$80,850**

*\*The college's actual annual cost of educating a student at Colorado College is higher than our tuition. However, income from our endowment and from gifts and grants subsidizes that amount, even for students who do not receive financial aid. For students eligible for financial aid, scholarship and grants further reduce the costs to students and their families.*

# Departmental Courses

## Anthropology

*Applicable for the 2020-2021 academic year.*

**Anthropology Website** (<http://www.coloradocollege.edu/academics/dept/anthropology/>)

Professor HAUTZINGER, Associate Professors FISH, LEZA (Chair), MONTANO; Assistant Professor, INGRAM

Anthropology offers an expansive outlook on human life through time and across space. The anthropology major prepares students for a variety of careers across numerous fields, including but far from limited to academia. Majors are exposed to all four subfields of American anthropology: 1) archaeology, which focuses on the material cultures and peoples of the past; 2) biological anthropology, which examines the evolution of human biology and behavior, stressing the influence of culture on evolution; 3) linguistic anthropology, which addresses both the formal complexity of linguistic systems and the role that language plays in the regulating and negotiating of social life; and 4) socio-cultural anthropology, which stresses contemporary peoples, combining ethnography and cross-cultural comparison to portray the variability of human value systems, practices, and organization.

### Major Requirements

Effective September 28, 2017

NOTE: Pass/Fail grade will not be accepted for required major/minor courses.

Students majoring in anthropology must complete a minimum of 12 units of coursework, including the following requirements:

Two required, discipline-wide courses:

- **AN215** Anthropological Theory
- **AN315** Senior Seminar in Anthropology

Two courses with the department's "Methods" designation.

An additional 10 units of coursework in the department\*\*, distributed in the following categories:

- A minimum of one *course* in each of the four subfields (archaeological, biological, cultural, and linguistic anthropology). Crosslisted courses cannot satisfy the subdiscipline distribution requirement.
- At least three anthropology courses at the 300-level (in addition to **AN315**. Note: all 300-level courses have prerequisites; two-block courses count as one *course*, but two *units* in the major)
- At least two courses tagged "M" for significant methodological content.
- **AN400 Research in Anthropology** cannot substitute for 300-level courses.

All seniors must submit a Senior Capstone Project (these may take longer- or shorter-duration

forms; consult with advisor(s) and Senior Capstone Guidelines)

Major requirements may be satisfied by no more than:

- two units of **off-campus** credit\*\*
- two units of independent readings/research (**400**), and
- two cross-listed units taught by non-departmental faculty (e.g. ethnomusicology, political ecology, ethnography, religion, Race, Ethnicity, and Migration Studies (RM) or Southwest Studies (SW), etc. ).\*\*\* Crosslisted courses cannot satisfy the subdiscipline distribution requirement.

*Note: The department awards Distinction in Anthropology to students who present evidence of distinguished work. Consult the Majors Handbook for distinction guidelines.*

| <i>List of current anthropology courses</i>                   | <i>Requirement Met</i> | <i>Subfield</i> | <i>Critical Perspectives</i> |
|---|------------------------|-----------------|------------------------------|
| AN 100 Human/Being – Anthropological Perspectives             |                        |                 | G                            |
| AN 101 Paleofantasies and Other Narratives of Human Evolution |                        |                 |                              |
| AN 102 Doing Cultural Anthropology                            |                        |                 |                              |
| AN 105 Language and Culture                                   |                        | Linguistic      | G or S                       |
| AN 107 Anthropocene   |                        |                 |                              |
| AN 123 American Sign Language I                               |                        |                 |                              |
| AN 124 American Sign Language I                               |                        |                 |                              |
| AN 202 Human Biological Variation                             |                        | Biological      |                              |
| AN 204 The Body: Anthropological Perspectives                 |                        |                 |                              |
| AN 206 Doing Ethnography                                      | Methods                | Cultural        |                              |
| AN 207 Primate Behavior, Ecology and Conservation             |                        | Biological      |                              |
| AN 208 Topics in Anthropology:                                |                        | Varies          |                              |
| AN 210 Anthropology and the History of Ideas                  |                        | Cultural        |                              |
| AN 215 Anthropological Theory                                 | Req. Core Course AN215 |                 |                              |
| AN 217 Precolumbian Civilizations of Mesoamerica              |                        |                 | G                            |
| AN 219 Archaeology of the American Southwest                  | Methods                | Archaeology     | S                            |

|           |   |                        |             |        |
|-----------|---|------------------------|-------------|--------|
| AN<br>220 | Doing Archaeology   | Methods                | Archaeology |        |
| AN<br>221 | Topics in Ethnomusicology                                     |                        |             |        |
| AN<br>230 | Human Evolution   |                        | Biological  | I      |
| AN<br>235 | Global Health: Biosocial<br>Perspective                       |                        | Cultural    | G or S |
| AN<br>237 | African Descendants in the<br>Caribbean and Latin America     |                        | Cultural    | G or S |
| AN<br>238 | Genders and Sexualities in Latin<br>America and the Caribbean |                        | Cultural    | G or S |
| AN<br>239 | Gender Diversity Across<br>Cultures                           |                        | Cultural    | G or S |
| AN<br>242 | Anthropology of Food  | Methods                | Cultural    | S      |
| AN<br>243 | Hispanic Folklore of the<br>Southwest                         | Methods                | Cultural    | S      |
| AN<br>245 | Popular Culture   |                        | Cultural    |        |
| AN<br>256 | Language Socialization  | Methods                | Linguistic  | S      |
| AN<br>258 | Introduction to Linguistics                                   |                        | Linguistic  |        |
| AN<br>259 | Native Peoples of the Southwest                               |                        | Cultural    | G or S |
| AN<br>260 | Language & Gender   | Methods                | Linguistic  |        |
| AN<br>262 | Studying Language as Social<br>Action                         | Methods                | Linguistic  |        |
| AN<br>301 | Human Osteology   | Methods, 300           | Biological  | I      |
| AN<br>302 | Human Ecology and Biology                                     | Methods, 300           | Biological  | I      |
| AN<br>306 | Primatology   | Methods, 300           | Biological  | I      |
| AN<br>308 | Topics in Anthropology  | 300-Level              | Varies      |        |
| AN<br>311 | Language in Culture and Mind:<br>Cognitive Anthropology       | 300, Methods           | Linguistic  |        |
| AN<br>312 | Language of Racism  | 300                    | Linguistic  |        |
| AN<br>315 | Senior Capstone   | Req. Core Course AN315 |             |        |
| AN<br>320 | Field Archaeology   | 300, Methods           | Archaeology |        |



|           |  |              |            |        |
|-----------|--|--------------|------------|--------|
| AN<br>321 | Rio Grande: Culture, History and Region              | 300, Methods | Cultural   | G or S |
| AN<br>326 | Religion & Ritual                                    | 300          | Cultural   | G      |
| AN<br>331 | Evolution, Science, and Society                      | 300          | Biological |        |
| AN<br>333 | Evolution of Human Life Histories                    | 300          | Biological |        |
| AN<br>371 | Culture Contact and Writing Cultures                 | 300, Methods | Cultural   | G or S |
| AN<br>376 | Culture and Power: Political Anthropology            | 300, Methods | Cultural   | G or S |
| AN<br>377 | Living in the Material World-- Economic Anthropology | 300          | Cultural   | G or S |
| AN<br>380 | Community-Based Field Course                         | 300, Methods | Varies     |        |
| AN<br>400 | Research in Anthropology                             | 300          | Varies     |        |

\*\*The Department of Anthropology allows majors to earn up to two (2) credits, and minors one (1), from **off-campus study programs** to count towards the degree. We accept a broad array of (C), or Cognate, courses for a single credit, assuming the coursework undertaken while off-campus includes at least one course with an anthropological/cultural/societal dimension. A second course towards the major requires the proposed be a course focused on disciplinary anthropology's thought and content (A). Courses taken off-campus are taught at the 300-level or above and will transfer back to the department only at the 200-level to prevent off-campus study from replacing advanced study on campus. Students should submit course approval requests via Summit, which can be accessed at any time before or during off-campus study. Students should upload complete information about the course; they should also save syllabi and papers from courses overseas, in case there are any additional questions when they get back to campus.

A—Anthropology Course. Serves for a first or second course unit, one of 12 major / 5 minor course units at the 200-level; does not fulfill subfield distribution. C—Cognate course. Serves for one but not a second off-campus credit at the 200-level; does not fulfill subfield distribution.

\*\*\*Departmental courses are taught by permanent departmental faculty or anthropologists hosted in the department

## Minor Requirements

A minor in anthropology will consist of a minimum of five units of coursework, to include the following:

- Courses in (at least) two of the four major subdisciplines (biological, cultural, archaeological, and linguistic anthropology - see list of courses table) as described in the major requirements.
- At least one course at the 300 level.
- Independent research courses (**AN400**) may not be counted toward the minimum five units of the minor.

- Minor requirements may be satisfied by no more than:
  - one cross-listed course unit taught by non-departmental faculty (e.g. folklore, ethnomusicology, political ecology, ethnography, religion, RM or SW studies, etc.).\*\*
  - one unit of **off-campus credit**.

## Courses

### Anthropology

#### **AN100** Human\Being Anthropological Perspectives

What does it mean to be human? Course addresses this question at the center of anthropology using a holistic approach and drawing on multiple subfields of anthropology: archaeological, biological, cultural, and linguistic anthropology. Each version of the course is organized around a central theme which will be addressed with theory and literature from at least two anthropological fields. Course themes will vary but may include topics such as the body, colonialism, food, sex or violence. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Ingram

#### **AN101** Paleo-fantasies and Other

This course provides an introduction to the field of biological anthropology by investigating both the current scientific understanding of human evolution and the stories that scientists tell in order to communicate their ideas about human evolution. Using data from the fossil record, modern human biology, and our primate relatives, students will gain familiarity with the scientific evidence for human evolution. Students will also utilize narrative analysis to explore how scientists communicate stories about human evolution in “popular science” contexts. Students will examine how those scientific narratives become part of popular culture stories about evolution by examining their influence on evolutionary iconography and trends such as the “paleo-diet.” 1 unit Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

1 unit — Fish

#### **AN102** Cultural Anthropology

The study of human societies through the central concept of culture. Explores such topics as meaning, social organization, difference and inequality, adaptation, kinship and gender, religion, environment, technology and conflict. Presents anthropological themes including holism, comparison, dynamism and cultural relativism, as well as methodological approaches to studying human experience in naturally occurring contexts. 1 unit. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Holst

#### **AN105** Language and Culture

An introduction to linguistic anthropology. Examines the interconnectedness of language and culture from ethnographic and sociolinguistic perspectives. Comparative study of speaking in cultural context aimed at understanding the ways in which people use talk to

cooperate, manipulate, structure events, and negotiate identities. Cross-cultural focus, with examples from such languages and language varieties as Japanese, Navajo, Apache, French, African- American English, and Chicano English. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. 1 unit. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Dunn

### **AN107** Anthropocene

What does it mean to be human in the Anthropocene – a time when we know human-caused climate change challenges lifeways and ecosystems globally? This course brings anthropological lenses to understand this epoch, addressing such questions as how human pasts inform the present; adaptability and resiliency; and social ecologies – of self, equitable communities and systems, and interdependency beyond the human. Different versions of the course stress cultural or archaeological perspectives, yet all involve community-based learning grounded at the Baca Campus. 1 unit (Not offered 2020-21).

1 unit

### **AN123** American Sign Language I

Introduction to American Sign Language. Practice in signing and comprehension in American Sign Language (Ameslan or ASL).

.25 unit — Crawford

### **AN124** American Sign Language I

Introduction to American Sign Language. Practice in signing and comprehension in American Sign Language (Ameslan or ASL).

.25 unit

### **AN185** The Rio Grande River: Multi-Cultural Perspectives on Hist

(Summer only 2020-21).

1 to 2 units

### **AN202** Human Biological Variation

Beginning with the genetic base, this course provides an anthropological approach to understanding biological variation within and between human populations. Traits of known and unknown inheritance, adaptations to different environments, concept of race, variation in biological sex, and interactions of human biology and culture are emphasized. Some laboratory exercises. (Meets the requirement for Natural Science credit.) (Does not meet the divisional requirement in the Social Sciences or the outside unit requirement for students majoring in the Natural Sciences.) 1 unit. (Not offered 2020-21).

1 unit

### **AN204** The Body: Anthropological Perspectives

Explores “the body” with emphasis on theoretical biological and cultural anthropological approaches. Topics may include human adaptations, biocultural evolution, categorization and display of bodies; the body as a basis for metaphors, symbols, and images; individual collective (cultural, social, political) bodies; and embodied experience across the life course. We interrogate assumptions of a universal human body, in particular through the study of gender, sexual, ethnic and racialized diversity, as related to both inequality and ethics. 1 unit. (Not offered 2020-21).

1 unit

### **AN206** Doing Ethnography

Provides a foundation for understanding and doing ethnographic, contextually based research. Students execute hands-on projects grounded in participant observation and such complements as interviewing, questionnaires and surveys, archival work and projective methodological techniques; final results vary from ethnographic texts or films to exhibits or applied recommendations. Addresses such ethnographic fundamentals as: intellectual history; disciplinary contexts; epistemological validity and reliability; ethics and Institutional Review Boards; using ethnography for cross-cultural comparison; qualitative data analysis and software. Students learn varied forms of ethnographic inquiry such as exploratory, experimental, critical, historical and action/applied. (Not offered 2020-21).

*Prerequisite:* Consent of Instructor.

.25 to 1 unit

### **AN207** Primate Behavior, Ecology and Conservation

An overview of the relationships between different groups of primates and their natural history provides a foundation for investigating current hypotheses regarding the evolution of primate behaviors. The influence of the environment on behaviors is explored and its application for modeling the behaviors of humans and our hominin ancestors will be discussed. Finally, conservation threats to primates and primate traits that reduce or promote survival in human-altered habitats will be examined.

1 unit — Fish

### **AN208** Topics in Anthropology:

Courses taught occasionally by visiting or permanent faculty; topics will vary and may be thematically or geographically focused

1 unit — Chandrani, Crawford, Hautzinger, Ingram

### **AN210** Anthropology and the History of Ideas

The intellectual history of sociocultural anthropology will form the foundation of this course. It will discuss the ideas and intellectuals who contributed to the development of anthropology as a scholarly discipline and will consider the following theoretical perspectives: evolutionism, functionalism, historical particularism, cultural materialism, and interpretive approaches. Also, it will examine field research strategies that shaped anthropology. (Not offered 2020-21).

*Prerequisite:* consent of instructor.

1 unit

### **AN215** Anthropological Theory

Explores theory and application of contrasting paradigms (i.e. positivist, interpretivist) across the major subfields of anthropology. Emphasizes commonalities across the discipline in major theoretical currents (i.e. cultural ecology, functionalism, symbolic, historical materialism, postmodernism, feminism, and practice theory).

*Prerequisite:* One previous anthropology course or consent of instructor.

1 unit — Hautzinger

### **AN217** Precolumbian Civilizations of Mesoamerica

Survey of the archaeologically known cultures of Mesoamerica, which include some of archaeology's most celebrated subjects of study, the Olmecs, Mayans and Aztecs. Students will learn the history and geography of the region, the nature of sociopolitical and cultural developments in the region, the material culture distinctive of different times and places within the region and key issues and debates of ongoing concern. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 to 2 units

### **AN219** The Archaeology of the American Southwest

An introduction to the cultures of the American Southwest, from the initial populations of the greater region through the wrenching contact of European conquistadores. With occupation beginning sometime before 12,000 years ago, we have evidence for social and ritual complexity in the archaeological record dating before 2000 B.C.E. Current archaeological research in the American Southwest is redefining our concept of the adoption of agriculture in North America, our view of historically defined culture areas (Hohokam, Salado, Mogollon, Sinagua, Anasazi) with the probability of complex multiethnic communities, and the Southwest's former position as a region defining American archaeological method and theory. Course begins with a historical review of Southwestern archaeology and moves on to the current methodological and theoretical issues. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **AN220** Doing Archaeology

Archaeology is the scientific study of the ancient and recent human past through the material remains of past human activity. In this introduction to archaeology students will learn what archaeologists do and how they think through a combination of hands-on experience in the classroom or field and readings and discussion. Students may spend one to two weeks in the field learning field methods and/or visiting archaeological sites.

1 unit — Ingram

### **AN221** Topics in Ethnomusicology:

Special topics in ethnomusicology, approached through emphasis on a particular musical area, theoretical issue, genre or repertory, compositional technique, or instrument. The course is devoted to non-western musical cultures.

1 unit — Lasmawan

### **AN230** Human Evolution

Examines the fossil and genetic evidence for human evolution. Using the fossil record of early primate evolution as a foundation, the emergence of early hominins and their descendants is investigated. The evolution of human adaptations and hypotheses regarding the selective pressures leading to these adaptations are examined. Current debates such as the position of Neanderthals and Denisovans in the human lineage are emphasized. Students learn basic principles of molecular genetics and discuss the use of genetics in evolutionary research, which requires laboratory work. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

*Prerequisite:* Biology 131, Molecular Biology 111, or Molecular Biology 131, or Chemistry & Biochemistry 108 with consent of instructor.

1 unit

### **AN235** Global Health: Biosocial Perspectives

Ebola, disaster relief, mental health, aging populations, and primary health care are key issues in a world where diseases cross borders rapidly, but health care resources may not. This course introduces students to the dynamic, complex field of global health. The course examines improvements in global health, growing inequalities, the legacy of colonial medicine, and social justice in health from the perspectives of medical anthropology and public health. We draw from cases across the globe, in wealthy and poor nations, nations with well-functioning health systems and those struggling to meet people's need for basic health care services to explore the intersection of biological, social, and cultural factors that determine health and well-being. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — FigueroaFigueroa

### **AN237** African Descendants in the Caribbean and Latin America

Compares the experiences of diverse groups of the African Diaspora across the Caribbean and Latin America. Topics include: the legacy of slavery and contemporary labor processes; conceptualizing the 'Africa' in Afro-Latinx and –Caribbean cultures; maroons and other communities of resistance; racialization, variable construction of racial categories, and racism; nation-building; gender and sexuality; restitutive measures (e.g. reparations, educational quotas); relevant regional religious practices (e.g. prominent black Catholic saints, Candomblé, Umbanda, Voudoun, Santeria, Rastafarianism,) May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Hautzinger

### **AN238** Gender and Sexualities in Latin American and the Caribbean

Explores varied gendered and sexual dynamics across selected settings in South and Central

Americas, as well as the Caribbean. Social movements, division of labor, non-normative genders and sexualities, power struggles and violence are among areas examined from feminist, queer, ethnographic and comparative perspectives. Emphasis on gender's intersections with ethnic, national, linguistic, class and geographical diversity demands students' strong grasp of empirical information about the region. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit

### **AN239** Gender Diversity Across Cultures

Emphasizing variability in the ways gender shapes social interaction and organization. Grounded in feminist ethnography on sexes, sexualities and gendering across biological, social and ideological fields. Includes attention to gender systems where 'third' (or more) genders emerge beyond women-or-men, such as hijras in India, two-spirits in diverse Native American peoples, and travestis in Brazil. Anthropological and feminist theoretical frameworks are frequently complemented by community-based projects. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **AN242** The Anthropology of Food

This course will explore food concepts, analytical methods, and the food habits of different ethnic groups. The class will have a field trip to the San Luis Valley, and to Northern New Mexico to document the production of food among farmers, cattle ranchers and restaurateurs. (Limited to 12 students.) Meets the Critical Perspectives: Social Inequality requirement.

1 unit

### **AN243** Hispanic Folklore of the Southwest

(with Emphasis on Writing). This course is designed to introduce students to several approaches in folklore studies and to Mexican material culture, religion, music, and prose narratives in the Southwest region of the United States. We will examine how the different approaches used by historians, literary critics, anthropologists, and folklorists can enhance the study of Hispanic folklore and material culture. (Limited to 12 students.) Meets the Critical Perspectives: Social Inequality requirement.

1 unit

### **AN245** Popular Culture

This course will present students with different concepts related to popular culture, as exemplified by diverse cultural forms: film, music, literature, and material culture. Through the course students will become acquainted with the theories of structuralism and post-structuralism, Marxism, feminism, and post-modernism. These theories will allow students to develop a clear understanding of the different paradigms and their limitations in cultural studies.

1 unit

**AN256** Language Socialization

Explore the ways new speakers of a language are socialized through the process of language acquisition to become culturally competent members of their communities. Examine how individuals are taught the knowledge, skills, and attitudes expected in their particular cultural and speech communities. Focus will be placed on the process of language socialization for children learning the languages of their native communities, but the course will also explore issues of language socialization for foreign language learners. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**AN258** Introduction to Linguistics

Explores the structures and functions of languages throughout the world, seeking to uncover both shared and variable patterns across languages. Introduces the tools of modern linguistics for recording and analyzing sound systems, words, syntactic and semantic structures, and the communicative uses of language. Provides background for understanding contemporary issues relating to language.

1 unit — Dunn

**AN259** Native Peoples of the Southwest

Provides the fundamental building blocks to understanding the distinctive differences between the major Native Nations of the Southwest including language and culture, respective colonization and resistance experiences, identity and cultural vitality, gender and social roles, and expressive culture and representation. Readings may include ethnographic, ethno-historical, biographical, and linguistic works, as well as critiques of the study of Native peoples by Native scholars. Field Trip Possible. (Not offered 2020-21).

1 unit

**AN260** Language & Gender

This course will introduce students to the anthropological and cross-disciplinary study of gender and language. It will explore new directions for gender and language studies through the critique of past approaches and the discussion of contemporary research and theory contributing to our understanding of language, society, and the sociocultural construction of gender identities. Gender is conceptualized in terms of sliding scales of sex, sexuality, and gender socialization, with an emphasis on language's role in gender performativity. Students will collect and analyze samples of gendered language use in a specific sociocultural community. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Leza

**AN262** Studying Language as Social Action

Introduction to basic research methods and the theoretical development of research methodologies applied in the field of linguistic anthropology and related fields that explore language as a resource for sociocultural expression and change. In addition to learning basic interviewing, recording and participant observation techniques applied by linguistic anthropologists, students will be introduced to digital technologies for transcription and



linguistic data analysis. Typical course themes include language in social movement, media in society, racialized language discrimination, language in identity performance, and language activism. Students carry out an ethnographic research project to gain experience with research techniques and technologies. (Not offered 2020-21).

*Prerequisite:* Anthropology 105 or 256 or 258 or 260 or consent of instructor.

1 unit

### **AN301** Human Osteology

This lab-based course is a detailed study of the anatomy of the human skeleton as a dynamic, living system. Consideration is given to the growth, structure, and function of bones, and to bioarchaeological and forensic skills such as the determination of age, sex, stature, and pathology from skeletal remains. We will combine theory, its applications, and the limitation of osteological methods with laboratory analysis. The relevant techniques for the reconstruction of past populations and the assessment of human biological variation will be introduced. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

*Prerequisite:* Anthropology 202 or 230, statistics suggested.

1 unit

### **AN302** Human Ecology and Biology

This lab and field-based course provides an overview of the methods used by biological anthropologists in studying the ecology and biology of living humans. Emphasis will be placed on anthropometry, human nutrition, and ethical considerations surrounding human biology research. Students will gain a historical perspective on the discipline through literature review and practical experience through laboratories and a research project Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2020-21).

*Prerequisite:* Anthropology 202 or 207, statistics suggested.

1 unit

### **AN306** Primatology

This field and lab-based course exposes students to a range of methods for investigating the ecology, behavior, and biology of living primates. Techniques for assessing habitat quality and monitoring resource availability will be examined. Using a comparative approach, students will examine the anatomy of living primates in order to understand how physical adaptations influence behavior. Standard procedures for collecting and analyzing behavioral data on living primates will be explored. Inferences about behaviors of earliest humans made from our understanding of contemporary non-human primates. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2020-21).

*Prerequisite:* consent of instructor & Anthropology 207.

1 to 3 units

**AN308** Topics in Anthropology:

Advanced study on themes in anthropology or between anthropology and other disciplines. Examples may involve politics, religion, cognition, folklore, materiality, environment or cultural ecology.

*Prerequisite:* One previous anthropology course or consent of instructor.

1 unit — Fish, Ingram, Jabaily, Leza

**AN311** Language in Culture and Mind: Cognitive Anthropology

Explores cognitive anthropology, which is concerned with the relationship between language and mind, how cultural worlds are created and structured through language, and how individual languages shape the attitudes and behaviors of their speakers. We will consider both potential universals in human thought as expressed through language and the diversity of worldviews and behaviors between language communities. (Not offered 2020-21).

*Prerequisite:* Anthropology 105 or 256 or 258 or consent of instructor.

1 unit

**AN312** The Language of Racism

Focuses on the language of racism across cultures, examining the nature of discourses that communicate and reproduce racist ideologies. A special focus will be placed on racist discourse in the United States, New Zealand, and certain societies of Latin America. We will examine the structures and effects of a range of racist discourses, from the extreme discourses of 'white pride' organizations to the everyday language of covert racism. (Not offered 2020-21).

1 unit

**AN315** Senior Capstone

Students complete and present senior capstone projects, with the help of workshops, scaffolded submission deadlines, and peer review. A professional development component prepares students for graduation through structured reflection about their work in the major, and guiding them to generate individual goals and portfolio materials

*Prerequisite:* Anthropology 215 or consent of instructor.

1 unit — Leza

**AN320** Field Archaeology

Learn some of the methods archaeologists use to interpret the past through this introduction to archaeological field research. The course is a combination of hands-on experience in the field, lab activities and analysis, and readings/discussion. Field research methods may include survey, mapping, artifact analysis and documentation, site recording, and/or excavation. Students will spend one to three weeks in the field.

*Prerequisite:* Anthropology 220 or consent of instructor.

1 unit

### **AN321** Rio Grande - Culture, History and Region

An interdisciplinary field-based course based on history, culture, and water issues. It will explore the cultural heritage and creativity of groups whose historical experience has been shaped by the Rio Grande basin from its origin in Colorado to its mouth in the Gulf of Mexico. The course will engage a broad American and international public in the exploration of how the river basin and the people who live within it change, evolve, and develop together, and can affect each other. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Anthropology 215 or Anthropology 202 or 206 or Anthropology 220 or Anthropology 262.

2 units

### **AN322** Archaeological Field Methods

(Summer only 2020-21).

1 to 1.5 units

### **AN326** Religion & Ritual

Anthropological approaches to religion and ritual emphasize lived experience, practice, related social, political and economic formations, along with expression, belief, and meaning-creation. Cases encompass both “traditional,” and complex societies, and more often religious pluralism shaped by migration and globalization. Themes include notions of the sacred, supernatural, and good or evil; religion as embodied; shamanic and spiritual healing; place and environment. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

*Prerequisite:* One cultural anthropology course or consent of instructor.

1 unit

### **AN331** Evolution, Science, and Society

Traces the development of evolutionary thought and its impacts beyond the scientific community. The nature of science, scientism, and scientific fundamentalism will be examined and the political, religious, and ethical implications of these views will be discussed. This course also explores the history of anti-intellectual traditions and the conditions under which creationist and anti-science movements have developed in both the US and abroad (Not offered 2020-21).

*Prerequisite:* Anthropology 202 or 207 and 230, or consent of instructor.

1 unit

### **AN333** Evolution of Human Life Histories

Life history theory examines how the “decisions” that individuals make at different life stages impact their survival and reproductive success. Information from studies of human evolution, modern human biology, human ecology, and primate behavior will be used to model the evolution of human life histories. Life history strategies involving sexual behaviors, reproductive biology, investment in offspring, childhood, and adolescence will be investigated in order to identify traits that are uniquely human and when these traits may have first appeared in the human lineage.

*Prerequisite:* Anthropology 202 or 207, or consent of instructor.

1 unit — Fish

### **AN371** Culture Contact and Writing Cultures

This course will incorporate the work of anthropology and cultural studies to introduce students to how foreign cultures were experienced and represented by travelers, explorers, colonial administrators and anthropologists and will focus on forms of writing associated with conquest and colonialism. Students will then be introduced to the travel and tourism genre of representation and will analyze travel writing as cultural politics and the politics of tourism. The course will conclude with an examination of the new ethnography and writing cultures. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

*Prerequisite:* one previous cultural anthropology course or consent of instructor.

1 unit

### **AN376** Culture and Power: Political Anthropology

A comparative, holistic study of formal and informal politics in diverse societies. The course focuses on three major themes: examining diverse political systems with emphasis on the emergence of the state; the relationship between power, ideology, and symbolic systems; power and controlling processes, with special attention to dominance, hegemony and resistance. Emphasis on full-length ethnographies. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* One previous cultural anthropology course or consent of instructor.

1 unit

### **AN377** Living in the Material World--Economic Anthropology

Examines how people organize their material world to survive and to create meaningful systems of value. A variety of economic forms - small-scale societies with limited accumulation, gift economics, and commodity-based capitalism - are considered from a holistic, comparative perspective. The course concludes with an anthropological critique of colonialism, core-periphery relations, diverse forms of 'capital,' and globalization. This one-block course prepares interested students for a follow-up field course. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* One previous cultural anthropology course or consent of instructor.

1 unit

**AN380** Community-Based Field Course:

An opportunity for students to engage in team-based, applied anthropological work on a focused project, this course is intended as a linked block that follows up advanced coursework in such areas of study as food, religion and ritual, political, economic, NAGPRA issues, or museum curatorial work. Sites for field-work will vary from year to year, but generally will be grounded in the Rocky Mountain West and/or Southwest Regions. Incorporates such hands-on activities as participant observation, interviewing, policy development and/or collections management, as well as training in qualitative and/or quantitative data analysis. (Not offered 2020-21).

*Prerequisite:* Related 200-level or 300-level course or consent of instructor.

1 unit

**AN400** Research in Anthropology

Student research projects, either independent or in collaboration with ongoing faculty research, based on field, laboratory or library research. Projects must be approved at least one block in advance of the actual block of research.

1 unit — Fish, Hautzinger, Ingram, Leza

## Art

*Applicable for the 2020-2021 academic year.*

**Art Website** (<http://www.coloradocollege.edu/academics/dept/art/>).

Professors T. BENTLEY, R. KOLARIK, K. LEONARD (Director of Studio Programs), G. MURRAY (Chair), R. TUCKER; Associate Professor S. JOHNSON; Artist in Residence and Lecturer J. GUMPPER; Visiting Faculty C. HUNDLEY, J. JOYNER

The art major at Colorado College offers an integrative approach to studying the history and practice of art, architecture, design, and museum studies. The major introduces a wide variety of liberal arts students to the history of art and provides opportunities to experience the power of creative processes through making. Our program is structured to ensure that all majors experience the practice of creating art and are capable of thoughtful analysis of the visual language of works of art. We hope to prepare our majors for graduate study or careers in the visual arts, but the art major also develops visual, analytical, and written skills that qualify students for careers in areas other than the arts.

While students identify an area of concentration to pursue in their thesis projects, we require all majors to demonstrate their holistic understanding of the relationships between works of art and their historical and technical contexts. Therefore, the major requires students to take courses in art history and art studio, before committing in their junior year, to one of four concentrations for extended study in their senior capstone:

- Art History

- Art Studio
- Integrative Design and Architecture
- Museum Studies

Students must declare the major and area of concentration by the beginning of their junior year. It is imperative that each student's course of study be developed in close consultation with an advisor and approved in advance.

The senior capstone requires majors to undertake serious and substantive independent work that results in a thesis project. Students must identify a topic of interest, examine a specific problem and carry out independent research and analysis over an extended time. The results of this process are expressed through a written paper, exhibition, or both.

“Distinction in Art” is granted by vote of the art faculty to graduating seniors who have done consistently excellent work in all Art Department courses, contributed to departmental activities and presented an outstanding senior project.

The Art Department maintains an active program of events including visiting artists, speakers, workshops, etc. that enrich our classes and also help draw the attention of the campus community to the visual arts. In addition, during Senior Seminar, all senior art majors spend a week in New York City with faculty visiting museums, galleries, artists' studios, and meeting with alumni. We also offer courses abroad in Paris, Spain, Asia, and elsewhere. The income from the department's endowment, the Harold E. Berg Fund, supports these programs.

## **CONCENTRATIONS IN ART**

### **Art History**

The Art History concentration introduces students to the artistic achievements of human civilizations by studying the visual arts of a variety of cultures in depth. In the process students will develop a sensitivity to the visual environment. The study of art history incorporates intellectual, social, economic and political history, thus offering a vivid and tangible introduction to the history and achievements of human culture. Our program is structured to ensure that majors have a general knowledge of art history and are capable of thoughtful analysis of the visual languages of art. All art history courses emphasize developing skills in research and writing. Art history provides a solid intellectual foundation for students with a variety of interests.

### **Art Studio**

The Art Studio concentration emphasizes the fundamentals of the visual arts while introducing students to a wide range of traditional techniques, new technologies, experimental practices and visual theory. Through direct experience, students build a technical skill set and a general knowledge of the visual arts that provide the foundation for undertaking a deeper creative investigation in their thesis projects. During their studies, students build confidence in technical and creative problem solving, visual analysis and critical discussion. The experience is enriched by numerous visiting artist lectures, workshops and extended field trips. We strive to graduate majors who are prepared for future creative work and have a sensitivity to the visual arts that will inform their lives whether or not they choose to pursue further study or careers in the arts.

### **Integrative Design and Architecture (IDA)**

The Integrative Design and Architecture concentration emphasizes the study of the built

environment in a broad perspective that combines studio work with the study of the history of architecture and its political, social, economic, philosophical, and environmental implications. It is not a narrowly pre-professional major, but rather, provides students with a strong foundation in the visual arts supplemented with multidisciplinary coursework intended to prepare them to use their visual skills in solving problems, communicating ideas and engaging with social and political issues. This curriculum provides a background that can lead to graduate study in architecture, landscape architecture, or urban planning among others. Coursework is supplemented by an active program of workshops and visitors supported by the Conway Family Design Research Fund.

### **Museum Studies**

The Museum Studies concentration introduces students to the theories and practices of the museum while offering an additional lens through which they may understand their study of art and art history. The concentration explores the museum as a site for the construction, interpretation, and dissemination of knowledge and as a site for examination of issues museums face in today's society. Coursework is supplemented by visitors from a broad range of museum backgrounds and opportunities to engage with the Colorado Springs Fine Arts Center at Colorado College Museum.

### **Major Requirements**

A student majoring in art may concentrate in art history, art studio, integrative design and architecture (IDA), or museum studies. An art major requires a minimum of 14 units.

#### **Art History Concentration**

The art history concentration consists of 14 units: 10 units of art history, and four units of art studio. The 10 art history courses shall include an introductory course (either one or two units), six or seven elective AH courses and a two-block senior capstone experience (AH412, NY trip/Senior Seminar, and AH415, Senior Thesis) taken in the fall of senior year.

Five of the AH electives must be at the 200 level or above. Majors are strongly encouraged to choose a broad range of courses, both chronological and geographical, exploring the department's offerings in both western and global cultures.

#### **Art Studio Concentration**

The Art Studio Concentration consists of four units of art history, eight electives in art studio, and 2 units of senior seminar (AS411 NY Trip and AS411 extended format thesis work.) Selected courses may be repeated for credit with consent of instructor.

#### **Integrative Design and Architecture Concentration**

The Integrative Design and Architecture Concentration (IDA) in the Art Major requires five units of art studio, four units of art history, three units from other departments, and a two-unit senior capstone project.

The three electives from outside the Art Department may be taken in environmental science, physics, performance design, political science, sociology or other relevant disciplines chosen in consultation with the student's advisor. Courses must be approved by the advisor in advance.

The two-block capstone includes senior seminar (AH412 or AS411) and a thesis project (AS411.1 and 411.2 or AH415). The thesis should demonstrate a thoughtful synthesis of the student's coursework. It may take the form of a studio exhibition, a written thesis, a public presentation, or a combination.

- **Five units of Art Studio recommended from this list:**

AS102 Art Studio Foundations: 2-D Design

AS103 Art Studio Foundations: Drawing

AS110 Art Studio Foundations: Topics: *When courses are focused on design topics*

AS114 Art Studio Foundations: 3-D Design

AS207 Technical Drawing

AS210 Intermediate Topics in Studio Art: *When courses are focused on design topics*

AS210 Intermediate Topics in Studio Art: GeoDesign (also EV260/GY250)

AS212 Design Workshop

(Relevant courses abroad: e.g. DIS in Copenhagen, Syracuse in Florence, Temple University in Rome)

- **Three electives** other relevant disciplines in consultation with the Art Department. Courses must be approved by the Art Department.
- **Capstone:** A two-block capstone, including Senior Seminar (AH412 or AS411) and a thesis project (AS411 or AH415). The thesis may take the form of a studio project/proposal with an architecture, urbanism, landscape design focus, and a written discussion and public presentation, or it might be a written thesis on a related topic.

### **Museum Studies Concentration**

The Museum Studies Concentration requires five units of art history, three units of art studio, two units of museum studies, two electives appropriate to the student's course of study, and a two-unit senior capstone project (AH412 and AH415 or 416).

- **Five units of Art History:**

Introductory art history course, one or two units (Introduction to Art History or other comparable one or two block course.)

200/300 Level art history courses, three or four units (three units if the introductory course is two blocks; four units if the introductory course is one block)



- **Two units of Museum Studies:**

GS247 Introduction to Museum Studies

**GS273** Museum Collections Management: History, Ethics and Practice

Courses with a significant museum studies component or directed independent study chosen in consultation with an advisor.

- **Three units of Art Studio from this list:**

AS102: Art Studio Foundations: 2-D Design

AS103 Art Studio Foundations: Drawing

AS114: Art Studio Foundations: 3-D Design

AS207: Technical Drawing

AS212: Design Workshop

- **Two electives:** In consultation with their advisor, students, depending on their interests, choose two electives appropriate to administration, conservation, design, education, anthropology or sociology from a current list. Courses to count towards the major must be approved in advance by the advisor.
- **Capstone:** A two-block capstone comprising the one-block Senior Seminar course (AH412) and a Senior Thesis course (AH 415 or AH416). The capstone project may take the form of a thesis, exhibition, or special internship project, developed in consultation with the student's advisor. A limited number of internships will be offered at the Colorado Springs Fine Arts Center at Colorado College Museum.

### **Other Information**

AP credit in art history cannot be counted towards the major, but students who receive AP credit may, in consultation with the department, substitute upper-level courses for an introductory survey. Students who receive a score of 5 on the art history AP exam may receive one unit of general studies credit.

## Minor Requirements

The Art Department offers two minors, one in art history and one in studio art.

### Art History Minor (Six units)

The art history minor consists of six units, five art history units--at least three at the 200 or 300 level--and one unit of studio art (at the 100 level or at a more advanced level with the permission of the instructor). Only Colorado College courses may count towards the minor, which is open only to non-art majors. The introductory courses provide a broad chronological and geographical introduction, with some methodological focus. More advanced classes encourage concentrated and/or comparative study in one or more areas or periods. The unit of studio art is in keeping with the philosophy of the Art Department that serious study of art history must involve some direct experience of studio art.

### Art Studio Minor (Six Units)

The art studio minor consists of six units, including five studio art units and one unit in art history. Three of the studio art units must be above the 100 level. Only Colorado College courses may count towards the minor, which is open only to non-art majors. The initial 100-level units provide both a conceptual and technical introduction to studio practices. The remaining units allow the student to investigate specific disciplines, such as painting, sculpture, photography, or printmaking, at a more advanced level. The unit of art history is in keeping with the philosophy of the department that serious study of studio art must involve some knowledge of art history.

## Courses

### Art Studio

#### **AS102** Art Studio Foundations: Two-Dimensional Design

An introduction to the principles of two-dimensional composition and the fundamentals of abstraction.

1 unit

#### **AS103** Art Studio Foundations: Drawing

Survey of the fundamental concepts, practices and techniques in drawing. Emphasizes composition, technical skill and visual literacy as related to a variety of drawing techniques. Prepares students for advanced classes in studio art.

1 unit — Leonard

#### **AS110** Art Studio Foundations: Topics:

Survey of the fundamental concepts, practices and techniques of a specific topic or medium in studio art. Emphasizes composition, technical skill and visual literacy as related to a specific topic or techniques. Prepares students for advanced classes in studio art.

1 unit — Holtsnider, Paulin, Paupeck

**AS111** Art Studio Foundations: Fiber Arts.

Survey of the fundamental concepts, practices and techniques in fiber arts. Emphasizes composition, technical skill and visual literacy as related to Fiber Arts. Concepts such as transparency, texture, form, pattern, and color will be introduced. Exploration of both on- and off-loom processes: weaving, dyeing (including Batik and Shibori), basketry, knotting, felting, and stitching. (Not offered 2020-21).

1 unit

**AS112** Introduction to Drawing: Landscape Immersion

In this class, students will explore introductory drawing techniques specially in relation to the Colorado landscape. Emphasis will be on observational and technical drawing skills as we explore landscapes surrounding the Colorado Springs area, drawing outside on location. Students will gain fundamental skills by studying line, shape, value, and composition. These concepts will be explored using different marking making tools will be introduced including charcoal, pencil, ink, and conte. Students will be both in field drawing from the landscape itself, and in the classroom, learning technical concepts in a more controlled setting. Taking lessons from this multi-pronged, approach, students will complete a portfolio of finished drawings that speak to the complex nature of our contemporary landscapes. (Summer only 2020-21).

.75 units

**AS114** Art Studio Foundations: Three-Dimensional Design

Survey of the fundamental concepts, practices and techniques in three-dimensional design. Emphasizes composition, the activation of 3D space, visual literacy, critical analysis and individual and collaborative problem solving. Prepares students for advanced classes in studio art.

1 unit — Joyner

**AS120** Drawing the Winter Landscape

Exploration of drawing fundamentals as they pertain to the winter landscape. (Not offered 2020-21).

.5 unit

**AS201** Printmaking

Introduction to historic printmaking processes as well as contemporary computer-based techniques. A variety of techniques including etching, lithography, woodcuts, and monotype may be covered. Digital manipulation of imagery in Photoshop for use in photolithography and polymer plate letterpress may also be considered. Although technical processes are introduced, the primary focus is conceptual; emphasis placed on thinking as a graphic artist and printmaker (in reverse, in multiple, etc.)

*Prerequisite:* Art Studio 102,103 or 115. .

1 unit — Aitchison, Gumpper

**AS203** Advanced Drawing

Drawing in various media. May include study of human figure, superficial anatomy, landscape, composition, and conceptual drawing.

*Prerequisite:* Art Studio 103.

1 unit — Gumper, Paulin

**AS205** Painting

Survey of basic painting concepts and procedures, materials and techniques.

*Prerequisite:* Any 100 level AS class.

1 unit — Paulin

**AS207** Technical Drawing

Exploration of specific techniques in technical drawing. Drawing for various applied fields will be explored and may include drafting, architectural rendering, illustration, and scientific illustration.

*Prerequisite:* Art Studio 103 or consent of instructor.

1 unit — Leonard

**AS210** Intermediate Topics in Studio Art

Exploration of topics generally not offered by the department. Open to declared art majors or departmental consent required.

*Prerequisite:* consent of department or declared Art majors.

1 unit — Ames, Reed

**AS211** Fiber Arts

Basic techniques in fiber arts with an emphasis on such concepts as transparency, texture, form pattern and color. Exploration of both on-and off-loom processes: weaving, dyeing (including Batik and Shibori) basketry, knotting, felting and stitching. (Not offered 2020-21).

*Prerequisite:* any 100-level art studio course or consent of instructor.

1 unit

**AS212** Design Workshop

Three-dimensional design with an emphasis on conceptual issues related to architecture and functional form.

*Prerequisite:* 2 Art Studio Courses.

1 unit — Paupeck, Stevens

### **AS214** Sculpture

Introduction to traditional and contemporary practices in sculpture. Will cover intermediate level conceptual approaches and some combination of materials and techniques. Possible materials: wood, steel, stone, clay and plaster. Possible techniques: machining, carving, casting, modeling and construction. (Not offered 2020-21).

*Prerequisite:* Art Studio 114.

1 unit

### **AS215** Off Campus Topics in Studio Art

Off campus study exploring intermediate study of a specific technique, practice or topic. (Not offered 2020-21).

*Prerequisite:* consent of instructor or Art Studio 103 Materials Fee \$30.

1 unit

### **AS218** Topics in Sculpture

Exploration of special areas of sculpture, such as hand-crafted and small-object art, installation art, environmental/land art, video installation art, conceptual art, interactive technological art, social practice, 3D fieldwork, soft sculpture, etc. 1 unit.

*Prerequisite:* Any 100-level Art Studio Class.

1 unit — Joyner

### **AS220** Photography

A foundation course in photographic technique directed toward artistic ends. Using and understanding the camera, films, and printing. Extensive photographing as basis for seeing and composition. Short survey of photographic history. (Not offered 2020-21).

*Prerequisite:* Any 100-level studio art course.

1 unit

### **AS221** Topics in Photography:

A course that explores the practice of fine art photography through the study of a specific photographic process and/or topic. This course will cover a photographic technique directed toward artistic ends. Thematic subjects will be examined through relevant photographic examples and interpreted by students through creative artistic approaches.

1 unit — Wallace

### **AS226** Book & Book Structure

A studio course in the invention, design, and making of books. Students are given a basic

grounding in the primary means of book organization, binding, and fabrication with emphasis on the unique character of codex organization. They are encouraged to invent their own books using a wide variety of techniques for the interrelations of text, image and color. May be offered as a block or as a year-long extended format course. Enrollment limited to 10 students.

*Prerequisite:* Art Studio 102, Art Studio 103, or Art Studio 115.

1 unit — Holtsnider

### **AS301** Advanced Printmaking

Advanced investigation of a variety of printmaking techniques. Traditional techniques may include etching, woodcut, lithography, letterpress, and monotype. Digital techniques may include image manipulation in Photoshop for photolithography and polymer plate letterpress may also be explored.

*Prerequisite:* Art Studio 201 or Art Studio 226..

1 unit

### **AS305** Advanced Painting

Special problems with emphasis on pictorial design, color, space, structure, imagery, materials and techniques.

*Prerequisite:* Art Studio 205 Materials fee.

1 unit — Paulin

### **AS310** Advanced Topics in Studio Art:

Advanced exploration of topics generally not offered by the department, with an emphasis on independent and/or extended projects. (Not offered 2020-21).

*Prerequisite:* or Art Studio 210 Materials Fee.

1 unit

### **AS313** Special Studio Problems:

Advanced work in any of the studio media, metal, fiber, clay, and photography. Credit in this course may not be applied toward the art major. Spring semester. (Not offered 2020-21).

.25 to 1 unit

### **AS314** Advanced Sculpture

Advanced exploration of materials and techniques with emphasis on extended projects and individual concepts. (Not offered 2020-21).

*Prerequisite:* Art Studio 214.

1 unit

**AS315** Advanced Off Campus Topics in Studio Art:

(Not offered 2020-21).

1 to 2 units

**AS317** Advanced Photography

A selection of advanced techniques and development of individual photographic vision. Independent research emphasized. (Not offered 2020-21).

*Prerequisite:* Art Studio 220.

1 unit

**AS321** Photography II

(Summer only 2020-21).

1 unit

**AS401** Special Studio Problems:

Independent studio project for senior art majors. The student must submit a detailed written proposal of intended work to be approved by the department at least one block before taking the course.

*Prerequisite:* consent of instructor & Senior Art Major.

.25 unit — Joyner

**AS411** Senior Studio Seminar

Planning and preparation of extended studio projects. Pre-professional preparation for those students with graduate school intentions.

*Prerequisite:* Senior Art Studio Major.

1 unit — Gumper, Joyner, Leonard, Paulin

**AS501** Special Studio Problems:

*Prerequisite:* consent of instructor.

1 unit

**AS502** Special Studio Problems:

*Prerequisite:* consent of instructor.

1 unit

**Art History**

**AH101** Global Introduction to Art History

This introductory course is a thematic examination of selected moments in the history of art across time and space. The class will be organized around case studies, themes, and cultural comparisons. It also considers the movement of art objects and ideas from one historical context to another. Specific case studies will vary for each iteration of the course.

Architectural constructions of power will be of interest (comparisons might include the Cambodian Angkor Wat temples and/or Mayan temple complexes, or the Athenian Acropolis). The course investigates the interplay of religious and political values (as in Confucian tomb art and/or Christian narratives); the dynamic relationship between stylistic changes and expanding markets for art (as in French Impressionist painting and Japanese woodblock prints); and the impacts of colonialism in European art and in the visual cultures of colonized or partly-colonized lands. Differing interpretations of landscape will be introduced, as well as the formation, and interrogation, of an art historical canon. Students will develop visual, verbal, analytic, and written skills through class discussion and projects. Field trips may facilitate on-site experiences of art. 1 units. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**AH102** Art & the Landscape

(Summer only 2020-21).

1 unit

**AH104** Art & the Landscape

(Summer only 2020-21).

1 unit

**AH105** Studying Art History:

Selected Topics in Art History at the Introductory Level.

1 unit — Bentley, Kolarik

**AH110** American Architecture

(Summer only 2020-21).

1 unit

**AH111** History of Architecture

This course is a broad introduction to the built environment. We will consider monuments from humankind's earliest structures to contemporary buildings and their relationships to political, social, religious and economic systems as well as their building techniques and technology. While the architecture of the ancient Mediterranean, Europe and North America is the primary focus of the class, we will also examine selected examples of global architecture from the Americas, Asia and Africa. We will consider the changing role of the architect and the practice of architecture in the contemporary world including issues of



sustainability and social justice. Students will learn to analyze buildings and consider the ways in which our architectural environment affects our lives. To that end we will critically evaluate the buildings of the Colorado College campus. There will also be field trips to experience recent architecture at the United States Air Force Academy and in the city of Denver. (Not offered 2020-21).

1 to 2 units

### **AH112** The Western Tradition from Ancient to Modern Times

The course surveys major developments in painting, sculpture and architecture from the civilizations of the ancient Mediterranean world, to the Middle Ages, Renaissance, early modern and revolutionary modern worlds in their political, social, philosophical, and religious contexts. Discussion, readings and writing stress the interpretive methods of the art historical discipline. Students will develop written and oral skills in visual analysis, learn to identify artistic styles, and apply the principal methodologies of art historical study. The course critically examines the narrative of western art history and investigates why particular works of art have been included. (Not offered 2020-21).

1 to 2 units

### **AH113** Introduction to Asian Art

Introduction to Asian art in its historical and cultural context with emphasis on China, Japan and India. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 to 2 units

### **AH115** The Western Tradition from Ancient to Early Renaissance

This block surveys major developments in painting, sculpture and architecture from the civilizations of the ancient Mediterranean world, to the Middle Ages, and through the early Renaissance. These developments will be considered in their political, social, philosophical, and religious contexts. Particular points of focus will be the Pyramids at Giza, the classical Greek Parthenon, the Gothic Cathedral, and art in fifteenth-century Florence. Discussion, readings, and writing stress the interpretive methods of the art historical discipline. Students will develop written and oral skills in visual analysis, learn to identify artistic styles, and apply the principal methodologies of art historical study. The course critically examines the narrative of western art history and investigates why particular works of art have been included. (Not offered 2020-21).

1 unit

### **AH116** The Western Tradition from High Renaissance to Modern Times

It surveys major developments in the visual arts from Michelangelo and the High Renaissance to the Baroque of Bernini and Rembrandt, through the revolutionary nineteenth century of the Romantics and Impressionists, to the modern world of the avant-garde. These developments will be considered in their political, social, philosophical, and religious contexts. Discussion, readings, and writing stress the interpretive methods of the art historical discipline. Students will develop written and oral skills in visual analysis, learn to identify artistic styles, and apply the principal methodologies of art historical study. The

course critically examines the narrative of western art history and investigates why particular works of art have been included.

*Prerequisite:* No credit after 112. (This block may be taken in sequence with Art History 115, or separately.).

1 unit

### **AH118** History of Photography

The development of photography from the early 19th century to the present; history of photographic processes; theories and philosophies of photographers and their critics; the uses of the photographic image as information, propaganda and art. (Not offered 2020-21).

1 unit

### **AH120** Global Architecture I: Pyramids to Cathedrals 3000 BCE-1400 CE

An introduction to the study of architecture that considers the relationships between monuments and the societies that produced them. We will survey the architecture and engineering of pre-industrial societies from a global perspective-- Egypt, China, India, the Americas, Greece, Rome, Islamic lands and the European Middle Ages as well as vernacular structures. How they expressed the values of their respective civilizations and how they were built. We will also consider contemporary attempts to understand and/or reproduce the technologies and building practices of the past. (No credit after AH111) 1 unit.

*Prerequisite:* No credit after Art History 111.

1 unit — Kolarik

### **AH121** Global Architecture II: Renaissance to the 21st Century

An introduction to the built environment from early modernism to the present day from a global perspective. The formation of the western tradition in architecture under the influence of ancient Mediterranean models during the 16th – 18th centuries, and how Europeans shaped colonial architecture. Building traditions of Asian and Middle Eastern empires such as Edo Japan, Mughal India and Ottoman Turkey. The impact of the Industrial Revolution on cities and their buildings. The relationship between economic power and contemporary international architecture. The influence of current concerns, such as climate change and social inequality, on the built environment. Local and regional architecture will be examined through case studies and field trips. (No credit after AH111) 1 unit.

*Prerequisite:* No credit after Art History 111.

1 unit — Hundley

### **AH150** Representations and Realities: Art and History in Europe: Ancient to Modern Art & Culture

This course examines art and cultural history in Europe from Antiquity through to the twentieth century. Taking an interdisciplinary perspective, one which seeks to bring art history and history in critical dialogue with one another, the students and professors will

interrogate the meta-narrative of “progress” across time. In many ways, succeeding periods engaged in conversations with their pasts to make claims of domination through pictorial and cultural production. But it is important, too, to examine counter-narratives made by subaltern groups of the various eras, along the critical axes of gender, sexuality, class, ethnicity, race and other markers of identity. Students will be called upon to think systematically about “who” they themselves are in order to engage with the past and explore human similarities, as well as differences, across a long period of time. Thinking systematically about the notion of “critical bias” and the need to analyze the past in its own terms, as well as in ours, will open up avenues to thinking about the present in new ways. We will examine the most important eras of European history, in particular, Ancient Greece and Rome, the Middle Ages and the Renaissance, the early modern period, and the more recent past. (Not offered 2020-21).

2 units

**AH168** Global Education in Art: 15th to 20th Century

This art history course has a two-fold purpose. We will examine in depth particular case studies of art from diverse traditions from the 15th to the 20th century. In addition, we will consider exchanges between these traditions in still life, landscape, and figurative art. A number of the case studies will pertain to Europe, but we also will cover selected artists and art movements from China, Japan, and the Islamic world. Examples will include Renaissance art in relation to humanism, Jesuit art in the Far East, women artists in the Netherlands, the global circulation of Chinese bird-and-flower motifs, Dutch trade in blue and white ceramics, exchanges in garden design between China and the West in the 18th century, Romanticism and Orientalism, Impressionism and the Japanese print, and artistic responses to war in 20th century China and the West. 1 unit. (Not offered 2020-21).

1 unit

**AH180** Native American Art

An introduction to Native American art, with emphasis on the arts of the Southwest. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**AH200** Topics in Art History:

Selected topics in art history at the intermediate level.

1 unit — Hundley, Kolarik, Murray

**AH202** Art & the Landscape

A history of gardening and landscape architecture including gardens of the Far East, Egypt, the ancient Mediterranean, the Islamic world, western Europe and North America. How gardens reflect changing concepts of nature and human interaction with it from the Garden of Eden to xeriscaping in the American West. We will also consider selected descriptions of gardens in literature, as well as images of nature in art, such as landscape painting and botanical illustration. (Not offered 2020-21).

.5 to 1 unit

**AH203 Women in Art**

A survey of women artists and images of women in art in Western Europe and America from ancient to modern times, contrasting feminist and conventional perspectives. Social and historical context as well as special problems faced by women. Why have there been so few 'great' women artists? Are there qualities unique to women's art? Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Murray

**AH204 Modern Architecture**

AH204 Survey of architecture from the late 19th century to the early 21st century, primarily in Europe and North America, with some attention to modernism in other areas of the world. Students will study examples ranging from the turn-of-the-century innovations of the Arts and Crafts Movement to work of contemporary “Starchitects” and architectural responses to present-day issues such as sustainability and social concerns. The course considers the impact of industrial materials and modern institutions on the built environment and new forms and functions such as art museums and skyscrapers. It includes discussion of architectural theory and important movements including the International Style and Post Modernism, with emphasis on such major figures as Louis Sullivan, Frank Lloyd Wright, le Corbusier, Mies van der Rohe and Frank Gehry as well as local and regional buildings.

1 unit — Hundley

**AH207 Greece & Rome**

Surveys the art and architecture of Greece and Rome from their origins in Bronze Age Greece to their transformation in the late Roman Empire using methods of art history and archaeology. Ancient Greek cities and sanctuaries with emphasis on Athens and the monuments of the Acropolis. The spread of Hellenism and the formation of an imperial visual language under Alexander the Great and his successors. The influence of Etruscan and Greek art in the Roman Republic. Imperial monuments of the city of Rome and throughout the empire as instruments of power. The class will consider political and social factors in the formation and utilization of Classical forms in both ancient and modern times. (Also listed as CL223). (Not offered 2020-21).

1 unit

**AH208 Byzantine Art**

This course examines the art and architecture of the Byzantine empire from its sources in Late Antique Rome to its fall in 1453 as well as its influence in the Orthodox Christian art of Russia, Greece, Serbia among other centers. Icons, their meaning and significance, are primary subjects of study: their origins, their rejection during Iconoclasm, and their theological justification. The city of Constantinople (modern Istanbul) and its urban development will be considered as well as the evolution and significance of the domed church and its program of images from Justinian's Hagia Sophia to medieval monastic churches. We will pay particular attention to the role of art in the Easter Liturgy of the Orthodox Church, including a field trip to the Church of the Holy Theophany. The influence of Byzantine art on the later art of Europe will be considered as well. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**AH209** Late Antiquity: Imperial Rome, Mystery Religions, Judaism, Christianity and Islam

A study of imagery during Late Antiquity—200-750 CE--through art, architecture, archaeological sites and texts. The course covers the visual arts in imperial Rome and Sassanid Persia, the mystery religions of Mithras, Isis and Dionysus as well as Judaism, Christianity and early Islam. We will study how the power of images was harnessed to convey religious meaning and convert adherents; how the imagery of pagan antiquity influenced the eventual formation of a Christian visual language; how the first monuments of Islamic art drew on pre-existing traditions. Monuments to be studied include the Arch of Constantine, sanctuaries of Mithras and Isis, catacomb paintings, synagogues and their mosaic floors, the religious buildings of Dura Europos, Christian basilicas and their decoration, the Hagia Sophia and the Dome of the Rock. 1 unit

1 unit — Kolarik

**AH210** Islamic Art

Survey of Islamic and 'Islamicate' art from the earliest 7th-century traditions through Mughal India and beyond in both religious and secular settings. Particular focus on arts of the Mediterranean, the Middle East and South Asia. Monuments to be discussed include mosques in Damascus, Isfahan, Istanbul and India; palaces in Spain, the urbanism of Cairo and Istanbul as well as calligraphy and illustrated manuscripts of Arabic novels and Persian epics. Discussion of the craft media such as pottery and textiles and how they have been received by Europeans. We will also consider depictions of the Middle Eastern world by Orientalist artists as well as the work of contemporary artists who respond to Islamic traditions. Meets the Critical Perspectives: Global Cultures requirement. 1 unit. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Kolarik

**AH211** Medieval Europe

Medieval monuments of Western Europe from Irish manuscripts to the Gothic cathedrals. Survey of selected monuments with consideration of the interaction of classical tradition and barbarian elements; the impact of monasticism, pilgrimages and scholasticism. (Not offered 2020-21).

1 unit

**AH221** Art of the Renaissance

Explores issues in the painting, sculpture, and architecture of the Renaissance in Europe from 1300 to c. 1480, with emphasis on the social, historical, material, and intellectual circumstances that shaped artistic production. Themes may include constructions of the self, patronage, gender roles, social class, religion, and artistic status, among others. Artists may include Giotto, Brunelleschi, Donatello, Leonardo da Vinci, Jan van Eyck, Robert Campin, and Hieronymus Bosch. (Not offered 2020-21).

1 unit

**AH222** Topics: Ancient Rome

(Summer only 2020-21).

1 unit

**AH231** The Age of the Baroque: Art and Empire of the 17th Century

Art and architecture made for the major courts of 17th-century Europe, with an emphasis on the absolute monarchies. Focus on the key artists (such as Velazquez, Rubens, Van Dyck, Bernini, Carracci, and Poussin), and on architectural sites such as St. Peter's and Versailles. Themes include the relationship between art, politics, and power; courtly self-fashioning; the function of spectacle, collecting, and display; and the unity of the arts; and others.

1 unit

**AH232** Art of the Dutch Republic

The Golden Age of Holland was a time of economic, cultural, and political growth. Artists developed innovative styles and visual modes that play upon, subvert and enhance our understanding of seeing, living, and thinking in the early modern era. The class examines the primary genres of Dutch art and major artists such as Rembrandt and Vermeer while focusing on questions of interpretation, method, and context. Addresses the production, marketing, ownership, iconography, and remarkable visual power of Dutch art. (Not offered 2020-21).

1 unit

**AH235** Dante and Michelangelo: From Renaissance Alpha to Omega

(Summer only 2020-21).

1 unit

**AH240** 19th Century French Art (taught in Paris)

(Summer only 2020-21).

*Prerequisite:* consent of instructor - EXTRA \$.

1 unit

**AH241** Art and Revolution: Europe in the Nineteenth Century

This course covers nineteenth century art in France, England, Germany, and Spain from 1780-1880 with particular emphasis on the impact on art of political and social upheaval, the tension between innovation and tradition, and the relationship of Impressionism to social change. Other topics of interest will include: Neoclassicism and the Enlightenment; Romanticism and the Sublime; Orientalism; the emergence of the notion of the avant-garde; and the visual culture of prostitution. (Not offered 2020-21).

1 unit

**AH243** The Birth of Modernism

This course examines the modernist tradition in European art from its emergence in the later

nineteenth century through World War II, with particular attention to the evolution of abstraction, the philosophies behind it and its relation to its social, scientific and political contexts. Throughout the course, students will trace and discuss the problematic issue of “primitivism” which is a major theme of modern art. The course will analyze the origins, meanings and styles of the foremost innovative developments, including Post Impressionism, Fauvism, Cubism, Expressionism, Futurism, Constructivism, Dada and Surrealism. (Not offered 2020-21).

1 unit

#### **AH245** American Contemporary Art: 1945-1990

This course investigates how and why, following World War II, New York “stole” from Europe the idea of avant-garde art. The class follows the evolution of and philosophies behind the radical new developments in American contemporary art from the emergence of Abstract Expressionism in the late 1940s, through the Pop Art and Minimalism of the 1960s and the pluralistic 1970s, including Conceptual Art, Earth and Process Art, the New Realism, Decorative and New Image Art, and finally to Neo-Expressionism, and other developments of the 1980s. Attention will be paid to the relationship of new art to the changing political, social and intellectual landscapes of the late twentieth century.

1 unit — Murray

#### **AH248** American Art

Painting and sculpture in the United States from colonial times until World War II, concentrating on the relationship of the major artistic trends to concurrent developments in American social and intellectual history. (Not offered 2020-21).

1 unit

#### **AH254** The Art of China

Early Chinese funerary art examined in relation to the Chinese religious philosophies of Confucianism and Daoism. Relationships between Chinese painting and poetry explored, particularly in relation to the hand scroll format. The rise of scholar-literati painting in the Song followed by issues of politics, commerce, and art. Meets the Critical Perspectives: Global Cultures requirement.

1 unit

#### **AH255** The Art of Japan

Classical relationships between Heian-period court art, poetry, and aristocratic patronage; medieval Kamakura and Muromachi periods, dominated respectively by Pure Land Buddhism and Zen Buddhism; consolidation of the tea ceremony and unique qualities of castle architecture and screen paintings in the Momoyama; the Edo-period shift towards more inexpensive and widely-reproducible formats, such as the woodblock print. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Bentley

#### **AH265** China/Europe/Japan: Art and International Trade 1550-1800

Considers the impact on art of expanding sea trade between Europe and East Asia in the early modern period. Begins by examining what goods went where; how increasingly global trade affected particular economies; how the East India companies operated; and what effects stepped-up contact had stylistically and iconographically on art forms such as porcelain, prints and paintings. On a more theoretical level, the course addresses 'things foreign' as a means of asserting cultural authority at home; and the impact of vastly expanded markets on the artist's practice and identity. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**AH275** Art in Context:

Study of artworks of a selected period, artist, or theme in their historical, social, political, intellectual, and geographical context. This course is taught on campus for approximately half of the block. The second half is spent in the appropriate location off campus (in the U. S. or abroad), where readings, student and faculty presentations, and discussions are focused on the actual artworks in situ. Need-based financial aid for all students is available from the Berg Endowment. Limit 15 students.

1 unit

**AH342** Turn of the Century Art in London, Paris and Vienna

Artistic and related intellectual and cultural developments in three important capitals of Europe circa 1880-1910. Focus on such movements as Aestheticism, Symbolism, Decadence, Jugendstil, and Art Nouveau. Artists to be studied include Toulouse-Lautrec, Redon, Klimt, Schiele, Burne-Jones and Beardsley. (Not offered 2020-21).

*Prerequisite:* Any 200-level Art History course or Consent of Instructor.

1 unit

**AH345** Special Topics in Art History:

Selected topics in art history at the advanced level. (Not offered 2020-21).

*Prerequisite:* Any 200-level Art History course or Consent of Instructor.

.5 to 1 unit

**AH412** Senior Seminar

Preliminary work on the senior thesis in art history. Problems of research and writing a major paper. Required of art history majors in their senior year.

*Prerequisite:* Senior Majors.

1 unit — Bentley

**AH413** Special Problems in Art History

Independent work and special study in selected fields or periods.



*Prerequisite:* consent of instructor.

1 unit

#### **AH414** Special Problems in Art History

Independent work and special study in selected fields or periods.

*Prerequisite:* consent of instructor.

.5 unit — Murray

#### **AH415** Senior Thesis

Advanced work on the senior capstone project in art history or museum studies. Ordinarily taken following AH412. AH415 is required of all art majors with a concentration in art history. Either AH415 or AH416 is required of all art majors with a concentration in museum studies.

*Prerequisite:* consent of instructor & Senior Majors.

1 unit — Murray

#### **AH416** Senior Thesis in Museum Studies

Advanced work on the senior capstone project in an extended format for students in the Museum Studies Track. Ordinarily taken following AH412. Either AH415 or AH416 is required of all art majors with a concentration in museum studies.

*Prerequisite:* consent of instructor & Senior Majors.

1 unit — Tucker

## **Chemistry and Biochemistry**

*Applicable for the 2020-2021 academic year.*

**Chemistry and Biochemistry Website** (<http://www.coloradocollege.edu/academics/dept/chemistry/>)

Professors: GROVER, MEYER; Associate Professors: BOWMAN, BRASUEL, DAUGHERTY, DOUNAY, VAGHOO (Chair); Assistant Professors: FAHRENKRUG, KISUNZU; Lecturer: HARRIS; Emeritus BOWER, JONES, LINDEMAN

### **Major Requirements**

Students are encouraged to choose a specific sub discipline and focus in related upper-level courses. Upper-level courses in cognate disciplines that fit specific sub disciplines of chemistry may be substituted as equivalent if approved by the department. In addition, every senior must enroll in Chemistry 490 Senior Seminar. Computational approaches, including programming and statistical analysis, are integrated into the majors, but more experience may be useful.

## Research Blocks

A total of three mentored research blocks may be taken for credit. However, only one Chemistry 201 may be taken for credit, as it is intended for students who want to start research early, and have no prior background in research.

## Chemistry Major

A chemistry major must receive credit for courses equivalent to Chemistry 107, 108; Mathematics 126, 129; Physics 241, 242; Chemistry 241, 250, 275, 266 or 365, and 382. One of these five chemistry courses may be replaced by an upper-level chemistry course or an approved upper-level course in a sub discipline or cognate discipline. Students must take three upper-level courses chosen from: Chemistry 251, 342, 351, 366, 367, 383, 475, 480, one credit of (CH201, 300-level research<sup>a</sup> or 400-level research<sup>b</sup>) and other approved upper-level chemistry courses that contain a significant laboratory component. Chemistry 490 Senior Seminar is required. The Department recommends research for all students, especially those intending to pursue graduate study.

The information listed on this page is only a summary; students should check with their advisor to ensure they have fulfilled all requirements. Full requirements for the major can be found in the Colorado College Catalog of Courses for the year in which you declared your major. [Download a PDF file of the following requirements.](#)

### Requirements for Chemistry Major and Suggested Year of Completion (14.50)

#### First Year

CH107, CH108  
MA126, MA129

#### Second and Third Year

PC241, PC242  
CH250: Organic I  
CH241: Analytical  
CH275: Inorganic I  
CH266: Fundamentals of Physical Chemistry or  
CH365: Biophysical  
CH382 (requires CH251): Biochemistry I

One of these courses can be replaced by an additional upper-level course in a sub discipline or cognate discipline.

#### Fourth Year

Three In-Depth Courses: can be from any specific sub discipline or a mixture of organic, inorganic, analytical, biochemistry or physical.

CH201, 300-level research<sup>a</sup> or 400-level research<sup>b</sup>  
CH251 (before CH382): Organic II  
CH342: Instrumental  
CH351: Organic III

### Requirements for ACS Chemistry Major and Suggested Year of Completion (15.50)

#### First Year

CH107, CH108  
MA126, MA129

#### Second and Third Year

PC 241, PC242  
CH250: Organic I  
CH 251 (before CH382): Organic II  
CH241: Analytical  
CH275: Inorganic  
CH266: Fundamentals of Physical Chemistry or  
CH365: Biophysical  
CH382 (requires CH251): Biochemistry I

#### Fourth Year

Three In-Depth Courses: can be from any specific sub discipline or a mixture of organic, inorganic, analytical, biochemistry or physical.

CH201, 300-level research<sup>a</sup> or 400-level research<sup>b</sup> (with paper)  
CH342: Instrumental  
CH351: Organic III  
  
CH 366: Physical I

**Requirements for Chemistry Major and Suggested Year of Completion (14.50)**

CH366: Physical I  
 CH367: Physical II  
 CH383: Biochemistry II  
 CH475: Inorganic II  
 CH480: Advanced Metabolism (with lab)

Upper-level courses in cognate disciplines (with significant lab hours) may also be approved by the Department.

CH490: Senior Seminar is Required

<sup>a</sup> from 301, 302, 303, 304, 305

<sup>b</sup> from 401, 402, 403, 404, 405

**Requirements for ACS Chemistry Major and Suggested Year of Completion (15.50)**

CH367: Physical II  
 CH383: Biochemistry II  
 CH475: Inorganic II  
 CH480: Advanced Metabolism (with lab)

Upper-level courses in cognate disciplines (with significant lab hours) may also be approved by the Department.

CH490: Senior Seminar is Required

<sup>a</sup> from 301, 302, 303, 304, 305

<sup>b</sup> from 401, 402, 403, 404, 405

**Biochemistry Major**

A biochemistry major must receive credit for courses equivalent to Chemistry 107, 108; Mathematics 126, 129; Physics 241, 242; Molecular Biology 131, 201; Chemistry 250, 251, 382, 383 and either 241 or 266 or 275; and one credit of (CH201, 300-level research<sup>a</sup> or 400-level research<sup>b</sup> or MB399 with department approval), and two additional credits from the upper-level courses: Chemistry 342, 351, 366, 367, 400, 475, 480, Molecular Biology 350, 355, 360, BE 344, 345. Chemistry 490 Senior Seminar is required. Additional upper-level biochemistry or molecular biology courses when taught with a significant relevant laboratory component may also be approved by the Department.

The information listed on this page is only a summary; students should check with their advisor to ensure they have fulfilled all requirements. Full requirements for the major can be found in the Colorado College Catalog of Courses for the year in which you declared your major. [Download a PDF file of the following requirements.](#)

**Requirements for Biochemistry Major and Suggested Year of Completion (16.50)****First Year**

CH107, CH108  
 MA126, MA129  
 MB131

**Second and Third Year**

PC241, PC242  
 MB201 (Lab in Cell and Genetics)  
 CH250: Organic I  
 CH251: Organic II

**Requirements for ACS Certified Biochemistry Major and Suggested Year of Completion (16.50)****First Year**

CH107, CH108  
 MA126, MA129

**Second and Third Year**

PC241, PC242  
 CH250: Organic I  
 CH251: Organic II  
 CH382 (requires CH251): Biochemistry I

CH382 (requires CH251): Biochemistry I  
 CH241: Analytical OR CH266: Fundamentals  
 of Physical Chemistry OR CH275: Inorganic I

#### Fourth Year

CH383: Biochemistry II  
 CH201, 300-level research<sup>a</sup> or 400-level  
 research<sup>b</sup> or MB399 (with Department  
 approval)

Two In-Depth Courses:  
 In Biochemistry/Chemistry or Cognate  
 disciplines **with significant lab  
 component** may be chosen from the  
 following:

CH342: Instrumental  
 CH351: Organic III

CH366: Physical I  
 CH367: Physical II  
 CH400: Topics courses upon approval  
 CH475: Inorganic II  
 CH480: Advanced Metabolism (with lab)  
 BE344: SEM  
 BE345: TEM  
 MB350-Special Topics Lab Research  
 MB355-Laboratory Advanced Genetics  
 MB360-Laboratory in Molecular Biology

Other upper-level courses in cognate disciplines  
 (with significant lab hours) may also be  
 approved.

CH490: Senior Seminar is Required

<sup>a</sup> from 301, 302, 303, 304, 305

<sup>b</sup> from 401, 402, 403, 404, 405

CH275: Inorganic I  
 CH241: Analytical  
 CH 266: Fundamentals of Physical Chemistry

#### Fourth Year

CH383: Biochemistry II  
 CH201, 300-level research<sup>a</sup> or 400-level  
 research<sup>b</sup> with Paper or MB399 (with  
 Department approval)

Two In-Depth Courses:  
 In Biochemistry/Chemistry or Cognate  
 disciplines **with significant lab  
 component** may be chosen from the  
 following:

CH342: Instrumental  
 CH351: Organic III

CH366: Physical I  
 CH367: Physical II  
 CH400: Topics courses upon approval  
 CH475: Inorganic II  
 CH480: Advanced Metabolism (with lab)  
 BE344: SEM  
 BE345: TEM  
 BE366: Comparative Animal Physiology  
 MB350-Special Topics Lab Research  
 MB355-Laboratory Advanced Genetics  
 MB360-Laboratory in Molecular Biology

Other upper-level courses in cognate disciplines  
 (with significant lab hours) may also be  
 approved.

CH490: Senior Seminar is Required

<sup>a</sup> from 301, 302, 303, 304, 305

<sup>b</sup> from 401, 402, 403, 404, 405

## Distinction in Chemistry and Biochemistry

Students interested in graduation with Distinction in Chemistry or Biochemistry should discuss the requirements with a Department advisor by spring of their junior year. Distinction involves research and a significant thesis or publishable manuscript. Students interested in receiving American Chemical Society certification should also consult an advisor within the department.

## Minor Requirements

To be awarded a minor, students must receive a total of 6 units of credit in the Department (from

six one-unit courses that are comprised of either lecture or lecture + lab). A chemistry minor must receive credit for courses equivalent to Chemistry 107, 108, 250, and three additional (one unit) credits selected from Chemistry 251, 241, 266, 275, 382 or other 300- and 400-level chemistry and biochemistry courses in this catalog (with their prerequisites). A biochemistry minor must receive credit for Chemistry 382 as one of the three courses taken beyond Chemistry 250. The 300-level research<sup>a</sup> and 400-level research<sup>b</sup> experiences do not qualify for the minor.

<sup>a</sup> from 301, 302, 303, 304, 305

<sup>b</sup> from 401, 402, 403, 404, 405

### Chemistry/Biochemistry Minor

#### Requirements for Chemistry Minor

CH107, CH108

CH250: Organic I

Three additional credits selected from:

CH251: Organic II

CH241: Analytical

CH266: Fundamentals of Physical Chemistry

CH275: Inorganic

CH382: Biochemistry I

Or 300-400 level chemistry courses

#### Requirements for Biochemistry Minor

CH107, CH108

CH250: Organic I

CH251: Organic II

CH382: Biochemistry I

One additional credit selected from:

CH241: Analytical

CH266: Fundamentals of Physical Chemistry

CH275: Inorganic

Or 300-400 level chemistry courses

### Courses

#### Chemistry

##### **CH100** Studies in Chemistry:

Selected topical areas, such as forensic science, materials science, environmental science, history of chemistry, chemistry and art, or nutritional, medicinal and consumer chemistry taught at the introductory level from a chemical perspective. Intended for (but not typically limited to) non-science majors, these courses will usually include moderate lab or fieldwork and independent or group research projects. Some topics may give Scientific Inquiry and Natural Science Lab credit. 1 or 2 units - Department (Not offered 2020-21).

1 unit

##### **CH104** Topics in Chemistry:

Selected topics in chemistry taught at the introductory level. units. (Not offered 2020-21).

.5 unit

**CH107** General Chemistry I

107 emphasizes the basic principles of atomic structure, periodic properties, molecular structure and bonding, chemical reactions, and stoichiometry. Laboratory included. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* consent of instructor or 2yrs HS Algebra & 1yr HS Chemistry. Meets CP:L and CP:Q or CLSA Requirement.

1 unit — Clayton, Daugherty, Fahrenkrug, Gould

**CH108** General Chemistry II

108 emphasizes kinetics, thermodynamics, equilibrium, and solution chemistry of acid-base and redox reactions. Laboratory included. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Chemistry & Biochemistry 107.

1 unit — Brasuel, Harris, Meyer

**CH113** Art and Alchemy-Investigating the Origins of Chemistry

(Not offered 2020-21).

*Prerequisite:* First Year Experience Course, Must take Studies in Natural Science 109 for credit.

1 unit

**CH117** General Chemistry I with Environmental Emphasis

(Not offered 2020-21).

1.5 units

**CH118** General Chemistry II with Environmental Emphasis

(Summer only 2020-21).

*Prerequisite:* Chemistry & Biochemistry 117.

1.5 units

**CH148** Physics and Chemistry by Experimentation

(Not offered 2020-21).

*Prerequisite:* First Year Experience Course.

1 unit

**CH149** Physics and Chemistry by Experimentation

(Not offered 2020-21).

*Prerequisite:* First Year Experience Course. Must take Physics 148 block 1 for credit.

1 unit

**CH155** Organic Chemistry I

Basic concepts of organic structure and reactions. Nomenclature, molecular structure, physical properties and spectroscopy (NMR & IR) of organic compounds. Laboratory included. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Summer only 2020-21).

*Prerequisite:* Chemistry & Biochemistry 108..

1 to 1.5 units

**CH199** Computational Chemistry

An examination of the tools available for studying models of chemical systems. FORTRAN programming, Evolution Algorithms, Neural Networks, Molecular Modeling software, and Computer Graphics will all be introduced. This is a project based course with topics chosen to match the level of individual students' chemistry backgrounds. (Not offered 2020-21).

*Prerequisite:* Mathematics 128.

.5 unit

**CH200** Organic Chemistry (3 units)

(Summer only 2020-21).

*Prerequisite:* consent of instructor.

3 units

**CH201** Introduction to Chemical Research

An introduction to research design and mentored use of scientific equipment. Students will complete lab safety and ethics training. Disciplinary-based literature research and interpretation will be emphasized as part of the research process. Students will maintain a laboratory notebook or appropriate data records, analyze and interpret data, and produce a final scientific report. 1 unit

*Prerequisite:* consent of instructor & Chemistry & Biochemistry 107, Chemistry & Biochemistry 108.

1 unit — Clayton, Fahrenkrug

**CH202** Investigations in Chemistry:

Independent experimental practice research in areas such as biochemistry, organic

chemistry, physical chemistry, inorganic chemistry, catalysis, analytical chemistry and environmental chemistry performed in affiliation with a staff member. A total of three units of Investigations may be taken for credit. Extended format course.

.5 unit

### **CH204** Foundational Concepts in Organic Chemistry

This class will deepen understanding of basic concepts important for success in organic chemistry: Lewis structures, hybridized atomic orbitals, VSEPR theory, resonance structures, and acid-base chemistry. An introduction to drawing and interpreting three-dimensional bond-line representations of organic molecules will also be provided

.5 unit — Harris

### **CH210** Environmental Chemistry

A focus on the thermodynamics and kinetics of pollutants in the air, water, and soil, as well as some toxicology. Statistical methods and the analysis of environmental samples using instrumental methods as well as techniques in chemical waste treatment are covered. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2020-21).

*Prerequisite:* Chemistry & Biochemistry 250 or (Chemistry & Biochemistry 108 & (Biology 208 or Geology 130 or Geology 140)).

1 unit

### **CH241** Analytical/Bioanalytical Chemistry

Quantitative and qualitative techniques applied to univariate analytical, bioanalytical and/or environmental problems. Basic techniques of separation, spectroscopy, and electrochemistry are introduced through studies of chemical speciation and the activity of chemicals in aqueous solution and guided projects tailored to students' interest areas. Laboratory included. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

*Prerequisite:* Chemistry & Biochemistry 108 and a 200 level science course.

1 unit — Brasuel, Fahrenkrug

### **CH250** Structures of Organic Molecules

Basic concepts necessary for understanding chemical reactions. Nomenclature, structure, physical properties and spectroscopy of simple organic molecules. Fundamentals of thermodynamics and reaction kinetics. Laboratory included. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

*Prerequisite:* Chemistry & Biochemistry 108.

1 unit — Grover, Harris, Kisunzu, Vaghoo

### **CH251** Reactions of Organic Molecules



Characteristic reactions of common organic functional groups. Mechanisms, rates and equilibria. The course depends heavily on concepts developed in 250. Laboratory included. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

*Prerequisite:* Chemistry & Biochemistry 250.

1 unit — Dounay, Harris, Kisunzu, Vaghoo

### **CH254** Structures of Organic Molecules

(Summer only 2020-21).

*Prerequisite:* Chemistry & Biochemistry 108.

1.5 units

### **CH255** Organic Chemistry II

Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Summer only 2020-21).

*Prerequisite:* Chemistry & Biochemistry 155 or Chemistry & Biochemistry 250.

1.5 units

### **CH266** Fundamentals of Physical Chemistry

A concise introduction to the major principles of physical chemistry (quantum mechanics, statistical mechanics, thermodynamics, and chemical kinetics). Also, provides the mathematical and physical foundations for these subjects and preparation for CH366 or CH367. Laboratory included. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

*Prerequisite:* Chemistry & Biochemistry 108 and Mathematics 129.

1 unit — Meyer

### **CH275** Foundations of Inorganic

Atomic structure, models and theories of bonding, bond types underlying metals, semiconductors, ionic solids and materials. Lewis acid-base interactions, coordination complexes, associated reaction mechanisms, and other aspects of transition metal chemistry. Atomic-level origins of special material properties such as ferromagnetism and electroluminescence.

*Prerequisite:* Chemistry 107, 108.

1 unit — Clayton

### **CH296** Special Topics in Chem:

Selected by the student with the advice of the instructor. Class and laboratory arranged. No more than six of these courses, i.e., 1.5 units, can be counted toward graduation. Only a total of three units of Investigations in Chemistry and Special Topics in Chemistry combined can

be counted toward graduation.

*Prerequisite:* consent of instructor.

.25 unit

### **CH300** Topics in Chemistry or Biochemistry

This course provides opportunity for topical work. No more than three units of Investigations, Topics, and Advanced Topics may be taken for department credit. (Not offered 2020-21).

.5 to 1 unit

### **CH301** Mentored Research in Analytical Chemistry

Research on an on-going project in the laboratory of the professor. Students will read discipline-specific literature and contribute to research design. Students will learn experimental design and execution, as well as troubleshooting skills. Students will maintain a laboratory notebook, or appropriate data records, and analyze and interpret data. An ACS style paper is required upon completion of the block, in which their data is summarized and future experiments are proposed. Research at this level may contribute to research presented in CH490: Senior Seminar. 1.0 unit

*Prerequisite:* consent of instructor & Chemistry & Biochemistry 201, Chemistry & Biochemistry 241.

1 unit — Brasuel

### **CH302** Mentored Research in Inorganic Chemistry

Research on an on-going project in the laboratory of the professor. Students will read discipline-specific literature and contribute to research design. Students will learn experimental design and execution, as well as troubleshooting skills. Students will maintain a laboratory notebook, or appropriate data records, and analyze and interpret data. An ACS style paper is required upon completion of the block, in which their data is summarized and future experiments are proposed. Research at this level may contribute to research presented in CH490: Senior Seminar. 1 unit

*Prerequisite:* consent of instructor & Chemistry & Biochemistry 201, Chemistry & Biochemistry 275.

.5 to 1 unit

### **CH303** Mentored Research in Biochemistry

Research on an on-going project in the laboratory of the professor. Students will read discipline-specific literature and contribute to research design. Students will learn experimental design and execution, as well as troubleshooting skills. Students will maintain a laboratory notebook, or appropriate data records, and analyze and interpret data. An ACS style paper is required upon completion of the block, in which their data is summarized and future experiments are proposed. Research at this level may contribute to research presented in CH490: Senior Seminar. 1 unit.

*Prerequisite:* consent of instructor & Chemistry & Biochemistry 201, Chemistry & Biochemistry 382.

1 unit

### **CH304** Mentored Research in Organic Chemistry

Research on an on-going project in the laboratory of the professor. Students will read discipline-specific literature and contribute to research design. Students will learn experimental design and execution, as well as troubleshooting skills. Students will maintain a laboratory notebook, or appropriate data records, and analyze and interpret data. An ACS style paper is required upon completion of the block, in which their data is summarized and future experiments are proposed. Research at this level may contribute to research presented in CH490: Senior Seminar. 1 unit.

*Prerequisite:* consent of instructor & Chemistry & Biochemistry 251.

1 unit — Dounay

### **CH305** Mentored Research in Physical Chemistry

Research on an on-going project in the laboratory of the professor. Students will read discipline-specific literature and contribute to research design. Students will learn experimental design and execution, as well as troubleshooting skills. Students will maintain a laboratory notebook, or appropriate data records, and analyze and interpret data. An ACS style paper is required upon completion of the block, in which their data is summarized and future experiments are proposed. Research at this level may contribute to research presented in CH490: Senior Seminar. 1 unit.

*Prerequisite:* consent of instructor & Chemistry & Biochemistry 366 or Chemistry & Biochemistry 367.

1 unit — Meyer

### **CH342** Introduction to Instrumental Methods

The principles and theory of modern instrumental analysis taught through topics selected from electrochemistry, spectroscopy and chromatography. The design and analysis of optimized experiments will be illustrated through research-oriented topics that also teach the instrumental methods being emphasized.

*Prerequisite:* Chemistry & Biochemistry 241 or Physics 242 (Chemistry & Biochemistry 365, Chemistry & Biochemistry 366, or consent of instructor).

1 unit — Brasuel

### **CH351** Synthesis of Organic Molecules

Application of structural concepts and functional group reactions to the synthesis of organic compounds. Factors in the design of multistep syntheses such as functional group transformation, elaboration of carbon chains, protecting groups and reaction stereochemistry. Examples from the literature of laboratory syntheses of complex molecules such as steroids, alkaloids and pharmaceuticals will be examined. Laboratory included.

Research projects requiring novel syntheses are a major component of this course. Students are required to propose multi-step syntheses and then work to complete proposed syntheses in the laboratory. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

*Prerequisite:* Chemistry & Biochemistry 251.

1 unit — Dounay

### **CH352** Physical Organic Chemistry

Application of thermodynamics and kinetics to the study of organic reaction mechanisms. Elucidation of mechanisms via the use of molecular orbital theory, isotope effects, substituent effects and linear free-energy relationships, solvent effects, characterization of reactive intermediates, gas-phase chemistry and computations. Laboratory included. (Either 351 or 352 will count as the advanced organic chemistry requirement for the chemistry major, or as an elective for the biochemistry major. The two courses, however, are not the same and both can be applied toward graduation requirements.) (Not offered 2020-21).

*Prerequisite:* Chemistry & Biochemistry 250, 251 & 366.

1 unit

### **CH365** Biophysical Chemistry

Thermodynamics, chemical kinetics and dynamics as applied to living systems and biopolymers. Homogeneous and heterogeneous equilibria and chemical potential as a driving force in biological reactions. Measurement and interpretation of rate behavior in biochemical systems. Diffusion, osmotic pressure and sedimentation. Laboratory focusing on biophysical experiments and error analysis included. (Not offered 2020-21).

*Prerequisite:* Chemistry & Biochemistry 108, Physics 241, Mathematics 128.

1 unit

### **CH366** Chemical Equilibrium and Kinetics

Topics in physical chemistry dealing with the bulk properties of energy and matter. These topics include the properties of real and ideal gases, the laws of thermodynamics and their application to chemical systems, phase and chemical equilibria, and chemical kinetics. Laboratory included. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Not offered 2020-21).

*Prerequisite:* Chemistry & Biochemistry 266 or consent of instructor.

1 unit

### **CH367** Quantum and Statistical Mechanics

Topics in physical chemistry dealing with quantum behavior and elementary statistical mechanics. These topics include analyzing spectroscopic data and computational approaches to quantum-mechanical systems. Laboratory included. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

*Prerequisite:* Chemistry & Biochemistry 266 or consent of instructor.

1 unit — Meyer

### **CH382** Biochemistry I

An introduction to modern biochemistry using fundamental chemical principles in the study of complex natural systems. Topics covered are proteins, carbohydrates, lipids, bioenergetics, enzymology, and metabolism with an emphasis on interrelationships between metabolic pathways and regulation. Laboratory included. Limited to 16 students.

*Prerequisite:* Chemistry & Biochemistry 251.

1 unit — Daugherty, Gould, Grover

### **CH383** Biochemistry II

Study of nucleic acids organization and structure, DNA replication and transcription, RNA processing and protein biosynthesis, and the regulation of gene expression. A special emphasis on the use of the original literature. Laboratory included. Limited to 16 students.

*Prerequisite:* Chemistry & Biochemistry 382.

1 unit — Grover

### **CH392** Biochemistry I

Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Summer only 2020-21).

1.5 units

### **CH395** Chemistry Tutoring Practicum

This course is designed for students who wish to tutor general and organic chemistry. It includes methods for improved listening skills, assessing student content knowledge, teaching problem solving, and conceptual analysis. Methods used in the course include peer tutoring, experiential exercises, journal writing, and supervised tutoring. The class is recommended for those students desiring chemistry department payment for tutoring.

*Prerequisite:* Chemistry & Biochemistry 250 or consent of instructor.

.25 to 1 unit

### **CH396** Special Topics in Chemistry:

Selected by the student with the advice of the instructor. Class and laboratory arranged. No more than six of these courses, i.e., 1.5 units, can be counted toward graduation. Only a total of three units of Investigations in Chemistry and Special Topics in Chemistry combined can be counted toward graduation.

*Prerequisite:* consent of instructor.

.25 unit

**CH398** Computational Modeling of Chemical Reactions

The course will examine computer assisted modeling of molecules and reactions of interest for organic, inorganic, and biochemistry. Model systems will include molecular mechanics, quantum theory based semi-empirical, ab initio Hartree-Fock, and density functional methods. Requires Spartan Student® software and a laptop, either Windows® or Intel®-based Mac®. 0.25 unit

*Prerequisite:* Students purchase the Spartan software as their 'text' for this course. Department has laptops available for students who do not have their own for this course.

.25 unit — Jones

**CH400** Advanced Topics in Chemistry

This course provides opportunity for advanced topical work. Topics will vary from year to year. No more than three units of Investigations, Topics and Advanced Topics may be taken for department credit.

1 unit

**CH401** Advanced Mentored Research in Analytical Biochemistry

Complete an on-going research project that was initiated in CH301. Students will maintain a laboratory notebook, or appropriate data records, and analyze and interpret data. An ACS style paper is required upon completion of the block, in which their data is summarized and future experiments are proposed. Research at this level may contribute to research presented in CH490: Senior Seminar. 1 unit

*Prerequisite:* consent of instructor & Chemistry & Biochemistry 301.

1 unit — Fahrenkrug

**CH402** Advanced Mentored Research in Inorganic Chemistry

Complete an on-going research project that was initiated in CH302. Students will maintain a laboratory notebook, or appropriate data records, and analyze and interpret data. An ACS style paper is required upon completion of the block, in which their data is summarized and future experiments are proposed. Research at this level may contribute to research presented in CH490: Senior Seminar. 1 unit

*Prerequisite:* consent of instructor & Chemistry & Biochemistry 302.

1 unit — Bowman

**CH403** Advanced Mentored Research in Biochemistry

Complete an on-going research project that was initiated in CH303. Students will maintain a laboratory notebook, or appropriate data records, and analyze and interpret data. An ACS style paper is required upon completion of the block, in which their data is summarized and future experiments are proposed. Research at this level may contribute to research presented in CH490: Senior Seminar. 1 unit

*Prerequisite:* consent of instructor & Chemistry & Biochemistry 303.

1 unit — Daugherty, Grover

#### **CH404** Advanced Mentored Research in Organic Chemistry

Complete an on-going research project that was initiated in CH304. Students will maintain a laboratory notebook, or appropriate data records, and analyze and interpret data. An ACS style paper is required upon completion of the block, in which their data is summarized and future experiments are proposed. Research at this level may contribute to research presented in CH490: Senior Seminar. 1 unit

*Prerequisite:* consent of instructor & Chemistry & Biochemistry 304.

1 unit — Vaghoo

#### **CH405** Advanced Mentored Research in Physical Chemistry

Complete an on-going research project that was initiated in CH305. Students will maintain a laboratory notebook, or appropriate data records, and analyze and interpret data. An ACS style paper is required upon completion of the block, in which their data is summarized and future experiments are proposed. Research at this level may contribute to research presented in CH490: Senior Seminar. 1 unit

*Prerequisite:* consent of instructor & Chemistry & Biochemistry 305.

1 unit — Meyer

#### **CH410** Medicinal Chemistry

An introduction to medicinal chemistry with a focus on current approaches toward the design of new drugs and optimization of their pharmacological, metabolic, and toxicological profiles. Principles of biochemistry, molecular biology, and organic chemistry will be applied to the interpretation, analysis, and critique of recent primary medicinal chemistry literature. An overview of the drug discovery, development, and approval process will include case studies of recently approved drugs. 1 unit.

*Prerequisite:* Chemistry & Biochemistry 382.

1 unit — Dounay

#### **CH452** Topics in Advanced Organic Chemistry

One of the following topics will be investigated in both the literature and the laboratory: (1) Nuclear Magnetic Resonance Spectroscopy; (2) Fourier Transform Infrared Spectroscopy; (3) Mass Spectrometry/Gas Chromatography; (4) Spectroscopic Methods in Structure Determination. Extended-format course. (Not offered 2020-21).

*Prerequisite:* consent of instructor & Chemistry & Biochemistry 367 & 351.

.5 unit

#### **CH467** Spectroscopy and Quantum Mechanics

The detailed interpretation of molecular structure and spectra. Quantum theory and chemical statistics are applied to the interactions of electromagnetic radiation with molecules. Laboratory included. (Not offered 2020-21).

*Prerequisite:* consent of instructor or Chemistry & Biochemistry 367 & Mathematics 203.

1 unit

### **CH471** Ribonucleic Acids

This class covers the structure and function of RNA from a biochemical perspective. There are many different large and small RNA that are present in the cell that perform key functions in the cell from splicing, protein synthesis, to regulation. Structure and function of RNA and the techniques used to study these will be discussed using current literature. Biological functions of ribozyme and non-coding RNA will be studied with an eye towards understanding the development of new techniques in molecular biology for artificial manipulations of cellular systems, drug development, and human genome manipulation. Ethical challenges associated with RNA-based technologies will also be discussed. The course is based in current literature with substantial independent and group learning components. A research-based laboratory is included.

*Prerequisite:* Chemistry & Biochemistry 382 or consent of instructor.

1 unit — Grover

### **CH475** Advanced Inorganic Chemistry

Application of fundamental inorganic reactions and bonding models to the detailed study of topics such as, but not limited to, coordination compounds, organometallic compounds, ionic compounds, metal clusters, inorganic polymers, bioinorganic reactions and single-molecule magnets. Emphasis on characterization of inorganic molecules/materials and analysis of spectroscopic data, as well as the use and analysis of primary literature. Laboratory included.

*Prerequisite:* Chemistry & Biochemistry 250, Chemistry & Biochemistry 275 or consent of instructor.

1 unit — Clayton

### **CH476** Topics in Transition Metal Chemistry

One of the following topics will be investigated in both the literature and the laboratory: (1) Electronic Spectra; (2) Magnetic Properties; (3) Biochemical Aspects; (4) Metal Cluster Compounds; (5) Ligand Substitution Reactions; (6) Electron Transfer Reactions. Extended-format course. (Not offered 2020-21).

*Prerequisite:* Chemistry & Biochemistry 475.

.5 to 1 unit

### **CH480** Advanced Metabolic Pathways

Investigation of the regulation and energy transductions in protein metabolism and



cholesterol synthesis, with emphasis on integration of material with carbohydrate and lipid metabolism. Special emphasis will be on presentation of scientific literature related to inborn errors of metabolism. Laboratory included.

*Prerequisite:* Chemistry & Biochemistry 382.

1 unit — Daugherty

### **CH490** Senior Seminar

An adjunct course spread out over the whole year in which guest lecturers and juniors and seniors present their independent research (either literature or laboratory) to the department in both oral and poster disciplinary presentation formats. One semester required in the senior year for both chemistry and biochemistry majors.

*Prerequisite:* Required for Chemistry Majors.

.5 unit — Brasuel

### **CH495** Special Topics in Chem:

Selected by the student with the advice of the instructor. Class and laboratory arranged. No more than six of these courses, i.e., 1.5 units, can be counted toward graduation. Only a total of three units of Investigations in Chemistry and Special Topics in Chemistry combined can be counted toward graduation.

*Prerequisite:* consent of instructor.

.25 to 1 unit

### **CH499** Senior Thesis

A thesis topic to be chosen by student with advice from a member (or members) of the department. Upon presentation of thesis proposal by the student, department faculty will authorize or deny registration in 499.

*Prerequisite:* consent of department.

.5 to 1 unit

## **Chinese**

*Applicable for the 2020-2021 academic year.*

**Chinese Website** (<https://www.coloradocollege.edu/academics/dept/eastasianlanguages/>)

Professor JIANG (Chair); Lecturer ZHANG

## **Minor Requirements**

### **The Chinese Language Minor (6 units)**

- A minimum of 5 units of Chinese Language, including at least 1 units of Advanced Chinese.
- One (1) additional relevant course approved by the department. This course can be a literature or culture course or an advanced language course (CN302: Advanced Chinese II or CN401: Chinese Culture and Language).

## Courses

### Chinese Language

#### **CN101** Elementary Chinese

Introduction to Mandarin Chinese; emphasis on basic grammar, speaking, and listening comprehension, as well as mastery of some 500 characters for reading and writing. Language laboratory required.

1 or 2 units — Jiang, Zhang

#### **CN103** Chinese Skill Maintenance

Conversation and limited reading and writing practice in Chinese language.

*Prerequisite:* Chinese Language 101.

.25 unit — Zhang

#### **CN104** Chinese Skill Maintenance

Conversation and limited reading and writing practice in Chinese language.

*Prerequisite:* Chinese Language 101.

.25 unit — Zhang

#### **CN106** Chinese Basic Prep/Review

Is an oral language functional review and extension class. The class is an intensive immersion with systematic reviews of modern standard Chinese. It is designed for students who have had two blocks of beginning Chinese or have taken Chinese previously. (Not offered 2020-21).

*Prerequisite:* Chinese Language 101.

.5 unit

#### **CN107** Chinese in China

(Summer only 2020-21).

2 units

#### **CN201** Intermediate Chinese I

Emphasis on continued development of speaking and listening skills and the use of basic

structures through reading, writing and films with a view to building proficiency in using the language.

*Prerequisite:* Chinese Language 101.

1 unit — Jiang

### **CN202** Advanced Intermediate Chinese II

The course builds on the language progress made in Chinese 201. Extensive use of films and increased application of the written and spoken language in order to build proficiency.

*Prerequisite:* Chinese Language 201.

1 unit — Zhang

### **CN205** Chinese Skill Maintenance

Advanced conversation, reading and writing practice in Chinese language. This course will be offered once a week, three times per block through blocks 1 to 4 in the fall semester and will be offered again from blocks 5 to 8 in the spring semester.

*Prerequisite:* Chinese Language 201.

.25 unit — Zhang

### **CN206** Chinese Skill Maintenance (Upper Level)

Advanced conversation, reading and writing practice in Chinese language. This course will be offered once a week, three times per block through blocks 1 to 4 in the fall semester and will be offered again from blocks 5 to 8 in the spring semester.

*Prerequisite:* Chinese Language 201.

.25 unit — Zhang

### **CN207** Chinese in China

(Summer only 2020-21).

2 units

### **CN212** Masterpieces of Chinese Literature in Translation

The course will acquaint students with Chinese poetry and major forms of Chinese fiction - pi-chi, ch'uan-ch'i, pien-wen, hua-pen, kung-an, and the novel, as well as modern Chinese vernacular literature. Students are expected to develop a critical interest in placing literary works in broader social, political and cultural contexts. No prerequisite. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

### **CN221** Chinese Women Writers and Their Works

This course will focus on a comparative study of the voice of Chinese women writers in the 1920s and 1980s, examine women writers' works in a social-historical context, and discuss the difference of women's places and problems in traditional Chinese culture and modern Chinese society. The course will also try to define the similar and different expressions of 'feminism' as a term in the West and the East. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**CN250** Topics:

.25 unit — Tu

**CN255** Chinese Language and Culture

Meets the Critical Perspectives: Diverse Cultures and Critiques requirement. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**CN259** Chinese Cinema and Society

This course is to help students evaluate, both politically and aesthetically, the way contemporary Chinese films convey their social and cultural values and commitments. Given the belief in film's historical and social significance, it is the particular purpose of this course to look at Chinese films since the 1980s and 1990s to the present and analyze how they perceived and conjured up the social and cultural landscape. It will also look at some of the major political events and social and cultural trends that dominated a decade and left a mark on its films. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Xing

**CN300** Conversational Chinese

(Summer only 2020-21).

1 to 2 units

**CN301** Advanced Chinese Language I

Intensive practice in reading, writing, speaking, and comprehending modern Chinese. Taught as an extended format course over the Fall semester or as one block.

*Prerequisite:* Chinese Language 202 or consent of instructor.

1 unit — Zhang

**CN302** Advanced Chinese Language II

Intensive practice in reading, writing, speaking and comprehending modern Chinese. Taught as an extended format course over the Spring semester.

*Prerequisite:* Chinese Language 301 or consent of instructor.

1 unit

**CN307** Chinese in China

Meets the Critical Perspectives: Global Cultures requirement. (Summer only 2020-21).

2 units

**CN308** Conversational Chinese

(Summer only 2020-21).

1 unit

**CN311** Independent Study in Chinese:

Supervised projects in Chinese language, literature and culture for advanced students. Consent of department required. Offered as a block course (1 unit) or semester extended format (1/2 unit).

*Prerequisite:* consent of department.

.25 to 1 unit

**CN350** Advanced Topics in Chinese Literature and Culture

Study of a selected topic in Chinese literature and culture. The course will cover subjects not listed in the regular curriculum and may vary from year to year.

1 unit — Jiang

**CN401** Chinese Culture and Language

Application of Chinese language skills in the study of Chinese culture, including literature, history, or business. Taught as an extended format course over the full academic year.

*Prerequisite:* Chinese Language 302 or consent of instructor.

1 unit

## Classics

*Applicable for the 2020-2021 academic year.*

**Classics Website** (<http://www.coloradocollege.edu/academics/dept/classics/>)

Professors CRAMER , DOBSON ; Associate Professor THAKUR (chair); Assistant Professor BUXTON; Visiting Professor SCHROER

Classics is the study of Greek and Latin languages, Greek and Roman material and intellectual culture, history, archaeology, linguistics, literature, mythology, and religion. Because the studies of these Mediterranean areas span East and West, as well as being rooted in at least 5,000 years of

European history, they have profound influence on how we understand our own contemporary worlds. Classics and the classical tradition are of crucial importance in coming to understand the structures of our own minds and experiences, as well as helping us to think multiculturally in historically grounded ways. Because English and many other modern languages are historically dependent upon Greek and Latin, their mastery is crucial in helping us to use our own language with maximum effectiveness.

## Major Requirements

### The Classics Major

Our program is an area study with connections to programs and departments of Anthropology, Art and Archeology, Comparative Literature, the Performing Arts, Philosophy, Political Science, and Religion. Its center is the study of languages and literature, available to students as a major with varying emphases and intensities.

A stringent major that might lead to graduate study in classics requires two years' worth of work beyond the intermediate level in one language, preferably almost that much in the other, coverage of an extensive reading list and work (measured by the comprehensive examination) to establish historical, philosophical, and art-historical framework for the literature. Other students will spend less time on the languages (perhaps concentrating on one of them) and emphasize one or more non-Classics program areas. The department will provide formal or informal colloquia to bring together the studies of advanced students and faculty. Distinction in Classics will be awarded for the theses of an excellence beyond the mere grade of A.

All students majoring in Classics will:

- complete at least 9.25 units (including work at the 300 level or above in language) of **courses in the department**,
- pass comprehensive examinations including **reading in at least one classical language**, and
- present **senior theses or the equivalent**.

### **[Click here to see the Major Requirement checklist](#)**

The department will provide formal or informal colloquia to bring together the studies of advanced students and faculty. Distinction in Classics will be awarded for the theses and coursework of an excellence beyond a mere A-range grade.

## Minor Requirements

### Requirements of the Departmental Minor in Classics

Students minoring in Classics will complete 5-6 units:

1. Latin or Greek for Beginners. (Or, if a student places out of Latin or Greek for Beginners, at least one other Classics elective in addition to the requirements below.)
2. Two units of Latin or Greek at the Intermediate level or higher.
3. Two Classics electives (either language courses, or in translation).
4. A paper or project, normally submitted in a 300-level course considered as a capstone for the minor (e.g. Advanced Greek or Latin), which should draw on the student's whole Classical studies experience.

**[Click here to view the Minor Requirements checklist](#)**

**Courses**

**Classics**

**CL101** Greek for Beginners

Introduction to the structure and vocabulary of classical Greek, with attention to those features that form the classical basis of Biblical koine and for the classical side of Greek diglossia from Hellenistic times through the 20th century. Short texts from Homer to Kazantzakis and Cavafy provide practice in literary, philosophical and rhetorical reading and initiation in major areas of Western thought. Attention to the history of the language and its relation to ancient, medieval and modern culture.

1 or 2 units — Buxton

**CL103** Review of Elementary Greek

A lower-level maintenance course for students who plan to continue their study of Greek. A systematic review of grammar with supervised readings and translation practice. Prerequisite: Classics 101 or equivalent. .25 unit.

*Prerequisite:* Classics 101 or equivalent.

.25 unit — Lund

**CL104** Review of Elementary Greek

A lower-level maintenance course for students who plan to continue their study of Greek. A systematic review of grammar with supervised reading and translation practice. Prerequisite: Classics 101 or equivalent. .25 unit.

*Prerequisite:* Classics 101 or equivalent.

.25 unit — Lund

**CL111** Latin for Beginners

Introduction to the structure of classical Latin; reading of short texts from Plautus to Milton and Newton to provide practice in literary and rhetorical reading and initiation in major areas of western thought. Attention to the history of the language and its relation to ancient, medieval and modern culture.

2 units — Thakur

**CL113** Review of Elementary Latin

A lower-level maintenance course for students who plan to continue their study of Latin. A systematic review of grammar with supervised reading and translation practice. Prerequisite: Classics 111 or equivalent. .25 unit.

*Prerequisite:* Classics 111 or equivalent.

.25 unit — Lund

**CL114** Review of Elementary Latin

A lower-level maintenance course for students who plan to continue their study of Latin. A systematic review of grammar with supervised reading and translation practice. Prerequisite: Classics 111 or equivalent. .25 unit.

*Prerequisite:* Classics 111 or equivalent.

.25 unit — Lund

**CL115** Introduction to Classical Literature and Archaeology:

Introduction to Ancient Greek and Roman cultures through reading of original sources and an examination of material culture. Part One: literature from various genres (such as epic, dramatic, lyric and philosophical); modern ways of receiving and interpreting them. Part Two: art, architecture and topography of ancient Greece and Rome. This course will consider the long-standing influence these civilizations played in the development of later Western cultures, and will examine modern outcomes and parallels to the historical forms and movements, such as Athenian democracy as a precedent for American democracy, colonization in antiquity and European colonialism in the c. 16-19, and the Roman Empire as a precedent for the expansive American State of late c. 19 to the present. (Not offered 2020-21).

1 to 2 units

**CL116** Greek History and Philosophy: Self and Soul from Antiquity to Modernity

Aegean and Greek archaeological, historical, literary and philosophical texts, with emphasis on ideas formative of Western culture. The development and transformations of these ideas as reflected in selected texts from the early Christian era, the Enlightenment, and the Modern Age. We concentrate on concepts of what it means to be human, and the relation of individuals to community, nature, and the divine in such authors as Homer, Sophocles, Aeschylus, Euripides, Plato, Aristotle, Augustine, Dante, Descartes, Goethe, Nietzsche, and Heidegger (Also listed as History 116 and Philosophy 116.) (Not offered 2020-21).

2 units

**CL117** Concepts of Freedom from Ancient to Modern Times

This interdisciplinary course explores enduring questions in the Western tradition: What does it mean to be free? What are the basic ideas of freedom that figure prominently in the Western tradition? What is freedom for? Is there a rational use of freedom? Discussion will spring from readings in ancient, medieval and modern philosophy, politics, religion and literature, and complementary films. (Not offered 2020-21).

2 units

**CL118** Myth, Gender and Metamorphosis in the Ancient Mediterranean

An exploration of Greek, Roman and Near Eastern myths in the ancient Mediterranean, emphasizing metamorphoses thematically across cultures, with attention to the (imagined)



other in gender and society. Readings will include selections from Mesopotamian literature (Enuma Elish, The Epic of Gilgamesh, The Hymns to Inanna), Greece and Rome (Hesiod's Theogony, the Homeric Hymns, the Greek dramatists and Aristophanes, Sappho, Sulpicia and Ovid's Metamorphoses, among others), and accompanying art and archaeological evidence. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

2 units

### **CL121** Intensive Latin Grammar Review and Reading Practice

Intensive Latin Grammar Review and Reading Practice. This course will use a morphological and syntactic approach to review and practice the essential structures and concepts of Latin grammar. It is intended to prepare students for courses at the 200 level. (Not offered 2020-21).

*Prerequisite:* Classics 111, placement above Classics 111 on department placement test or consent of department.

.5 to 1 unit

### **CL125** The Ancient Mediterranean

Survey of the civilizations that flourished in and around Mesopotamia, Egypt, Syria-Palestine, Greece and Italy from the time of the first cities (3000 BC) to the rise of Islam (seventh century AD). Beyond providing a historical overview, the course explores the surprising ways in which the various peoples of this area influenced one another culturally. We will also learn about the different types of evidence, both literary and archaeological, on which knowledge of the ancient world is based. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Schroer

### **CL160** Race, Ethnicity, and Prejudice in the Ancient World

An introduction to the theoretical concept of ethnicity and related issues as they played out in the ancient Mediterranean world. In particular, a focus on the way Greeks and Romans defined themselves and distinguished themselves from other peoples as a way of assigning meaning to the universe, and how those attitudes motivated their behavior towards outsiders. Also an examination of the practical effects of such discourses on the lives of people who lived in Greek and Roman communities without belonging to the dominant groups, and some of the ways in which modern approaches to race and ethnicity have structured and sometimes distorted our collective understanding of the past. The materials studied include literary, artistic, and archaeological evidence, as well as modern scholarship. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Cramer

### **CL200** Latin Language

Latin Language course taken on Mediterranean Semester Program. (Not offered 2020-21).

.75 to 1 unit

**CL201** Reading in Greek:

Introduction to Greek literature, including Homer and dramatic, philosophical or historical writing. (Not offered 2020-21).

*Prerequisite:* Classics 101 or consent of instructor.

.5 to 1 unit

**CL202** Reading in Greek:

Introduction to Greek literature, including Homer and dramatic, philosophical or historical writing.

*Prerequisite:* Classics 101 or consent of instructor.

1 unit — Dobson

**CL203** Review of Intermediate Greek

An upper-level maintenance course for students who plan to continue their study of Greek. A systematic review of grammar with reading and translation practice. Prerequisite: Classics 201 or equivalent. .25 unit.

*Prerequisite:* Classics 201 or equivalent.

.25 unit — Lund

**CL204** Review of Intermediate Greek

An upper-level maintenance course for students who plan to continue their study of Greek. A systematic review of grammar with reading and translation practice. Prerequisite: Classics 201 or equivalent. .25 unit.

*Prerequisite:* Classics 201 or equivalent.

.25 unit — Lund

**CL209** Late Antiquity: Imperial Rome, Mystery Religions, Judaism, Christianity and Islam

A study of imagery during Late Antiquity—200-750 CE--through art, architecture, archaeological sites and texts. The course covers the visual arts in imperial Rome and Sassanid Persia, the mystery religions of Mithras, Isis and Dionysus as well as Judaism, Christianity and early Islam. We will study how the power of images was harnessed to convey religious meaning and convert adherents; how the imagery of pagan antiquity influenced the eventual formation of a Christian visual language; how the first monuments of Islamic art drew on pre-existing traditions. Monuments to be studied include the Arch of Constantine, sanctuaries of Mithras and Isis, catacomb paintings, synagogues and their mosaic floors, the religious buildings of Dura Europos, Christian basilicas and their decoration, the Hagia Sophia and the Dome of the Rock. 1 unit

*Prerequisite:* Art History 111, 112 or consent of instructor.

1 unit — Kolarik

**CL210** Greek Philosophy

Major writers and schools from the thousand year history of Greek philosophical research in the areas of nature, the gods, the mind, and ways of life: Ionian and Italian Pre-Socratics, Plato and the Academy, Aristotle, Pyrrho, the Cynics, the Stoa, Epicurus and Lucretius, and the revival in Late Antiquity of Pyrronian Scepticism and Platonism. Emphasis on close reading of the texts (including certain Greek terms) and on critical and comparative writing.

1 unit — Furtak

**CL211** Reading in Latin:

Various ancient and medieval Latin works.

*Prerequisite:* Classics 111 or consent of instructor.

1 unit — Buxton

**CL212** Reading in Latin:

Various ancient and medieval Latin works.

*Prerequisite:* Classics 111 or consent of instructor.

1 unit — Cramer

**CL213** Review of Intermediate Latin

An upper-level maintenance course for students who plan to continue their study of Latin. A systematic review of grammar with reading and translation practice. Prerequisite: Classics 211 or equivalent. .25 unit.

*Prerequisite:* Classics 211 or equivalent.

.25 unit — Lund

**CL214** Review of Intermediate Latin

An upper-level maintenance course for students who plan to continue their study of Latin. A systematic review of grammar with reading and translation practice. Prerequisite: Classics 211 or equivalent. .25 unit.

*Prerequisite:* Classics 211 or equivalent.

.25 unit — Lund

**CL216** History of the Roman Republic

Focus on the development of Rome, from a small city ruled by kings, to a regional power ruled under a Republic. The course will trace Rome's expansion through Italy, its conflict with Carthage and will closely examine the end of the Republic. Individuals discussed will include the Gracchi, generals Marius, Sulla, Pompey, Caesar, and Rome's greatest politician (and author) Cicero. (Also listed as History 216.)

1 unit — Thakur

**CL218** Homer

The Iliad and Odyssey as oral traditional poems, preservers of Bronze Age and archaic lore, locus of the creation of classical Greek culture and predecessors of European epic; together with Hesiodic epic and Homeric hymns. Reading in English with attention to the formal Greek diction and the problems of translation, except that students who know Greek will read parts of the original text.

1 unit — Cramer

**CL219** Greek Drama: Origins and Early Forms of Theater

A study of origins, early texts, performance practices and developing theatrical conventions in various cultures, with special emphasis on ancient Greek and Roman theatre. (Not offered 2020-21).

1 unit

**CL220** Myth & Meaning

Religion and myth of ancient Greece and Rome in relation to that of the ancient Mediterranean (Akkadian, Hittite, Sumerian, Egyptian). Female presence in art, literature and religion compared to treatment of women in their respective cultures. Theoretical approaches to the understanding of myth (Comparative, Jungian, Structuralist) in relation to myths as they are encoded in their specific cultures. Students may trace a myth through Medieval, Renaissance and modern transformations in art, music, poetry and film, or study myth in other cultures (e.g. Norse and Celtic). May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Dobson

**CL221** The Invention of History

Herodotus, sometimes called the 'father of lies,' and Thucydides, sometimes called the first political scientist, treated as the first historians. Study of the ways of conceiving history and its relation to the peoples and periods explored. No Greek or Latin required.

1 unit — Buxton

**CL222** Topics:

Courses vary from year to year, to include offerings in classical and comparative religion and mythology, history, language and literature, anthropology, archaeology and women's studies supplementary to those offered in the catalog. No Greek or Latin required.

1 unit — Reaves, Schroer, Thakur

**CL223** Art of Greece & Rome

Surveys the art and architecture of Greece and Rome from their origins in Bronze Age Greece to their transformation in the late Roman Empire using methods of art history and

archaeology. Ancient Greek cities and sanctuaries with emphasis on Athens and the monuments of the Acropolis. The spread of Hellenism and the formation of an imperial visual language under Alexander the Great and his successors. The influence of Etruscan and Greek art in the Roman Republic. Imperial monuments of the city of Rome and throughout the empire as instruments of power. The class will consider political and social factors in the formation and utilization of Classical forms in both ancient and modern times. (Also listed as AH 207). (Not offered 2020-21).

1 unit

**CL226** Roman History: Literature and Culture of the Augustan Age

Focus on the development of the Roman state in the late first century B.C. under the emperor Augustus. The city, its monuments, its art, its literature, bureaucracy and territorial expansion, the role of women, and various social and minority groups will all be discussed. In particular, the course will emphasize important and influential literary figures, such as Horace, Ovid, Propertius, Virgil and Augustus himself. (Not offered 2020-21).

1 unit

**CL227** The Ancient Economy

A survey of economic life in ancient Greece and Rome, which involved both primitive subsistence agriculture and a complex international marketplace of luxury goods—often tightly regulated by predatory states. Topics will include the essential but diverse role of slavery, why debt crises plagued rich and poor alike, the degree to which banking facilitated international trade, and how governments manipulated the silver content of coinage to cover budget shortfalls or finance armies. Also considered are the reasons behind the invention and spread of coinage as a medium of exchange. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Buxton

**CL230** Independent Study

Special projects related to Classics or the ancient world, requiring no knowledge of ancient languages, arranged by individual students and Classics Department faculty. May be offered in extended format or half-block format.

.5 to 1 unit

**CL236** History of the Roman Empire

Focus on how conservative Roman republican ideals were reconciled with an increasingly Hellenized empire dominated by an imperial dynasty. Following a brief survey of prior Roman history, the course will examine the development of the Roman state in the first century AD under the Julio-Claudian emperors. The course will proceed to consider the Empire's evolution and management under subsequent Flavian and Antonine dynasties. The city, its monuments, its art, its literature, bureaucracy and territorial expansion, the role of women, various social and minority groups, and the growth of Christianity will all be discussed.

1 unit — Schroer

**CL250** History of Classical Greece

A survey of the development and expansion of Greek city states (known as “poleis”) from their emergence in the eighth century BC to Greece’s conquest by Philip II of Macedonia, father of Alexander the Great. Particular attention will be paid to Athens and Sparta, the two great powers of this period. The class will examine Greece’s political institutions (How direct was direct democracy?), social relations (What were the lived realities of women, foreigners and slaves?) and intellectual history (especially the rise of rhetoric to better persuade mass audiences in a democracy). Readings will draw on ancient historians (Herodotus, Thucydides), political theorists (Plato, Aristotle), satirists (Aristophanes) and statesmen (Demosthenes, Lysias, Xenophon). (Not offered 2020-21).

1 unit

**CL252** Age of Alexander the Great

An examination of the life of Alexander the Great and the ancient Mediterranean world in which he lived. Also considered are the impact he had on the historical development of that world after his death, the political use of his legacy from antiquity to the 21st century, and the fascination he continues to inspire. (Not offered 2020-21).

1 unit

**CL255** The Life of the Soul

Since the beginning of time, humans have been searching into the nature of the soul, its life and its meanings. Starting from the Greeks, this course seeks to discover how the concept of “soul” is understood, and how its life is conceived. We will explore the roots of these questions in ancient Greek epic, drama and philosophy, how these answers transform in medieval and renaissance literature, and how modernity offers strikingly new answers to them.

1 unit — Dobson, Riker

**CL260** Gender and Sexuality in the Ancient World

An introductory survey of issues relating to gender and sexuality in Greece and Rome. The focus will be on the role of women in ancient society and their characterization in literature. Though our sources are dominated by male perspectives, the class will attempt a balanced and accurate picture of ancient society. The course will also place these literary depictions in the broader context of art, political and societal structure, religious belief and family relations. Authors examined will include Hesiod, Homer, Aristophanes, Virgil, the female poets Sappho and Sulpicia, Ovid, and many more. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Schroer

**CL275** Ancient Sports and Entertainment

The course considers the role sport and entertainment played in ancient society. We begin by examining athletics in the Greek world, specifically the Olympics and other major games. We will discuss the different types of events and then consider the evolving role athletics played in Greek education and society. We will then transition to the Roman world,

examining gladiatorial games, chariot racing, the theatre, and the Olympics in the Roman period. We will trace the development of the status of athletes from amateurs to the professionalization of sport, and pause to consider the place of musicians and actors in Greek and Roman society. Throughout the course students will become familiar with the architecture of related venues and investigate the role of spectators. Students will continually be challenged to relate ancient athletics to the sports of today. Sources will include Homer, Pindar, Virgil, Ovid, Martial and various inscriptions. (Not offered 2020-21).

1 unit

### **CL299** Independent Study

Supervised readings or investigations in areas of interest to the students that are not covered in regular Classics Department offerings. Readings and/or investigations to be followed up with discussions and written reports. Must be approved by the Chair on behalf of the Department, in addition to the supervising professor.

*Prerequisite:* consent of department.

.5 to 1 unit

### **CL301** Advanced Reading in Greek:

Further exploration of ancient, medieval or modern Greek literature, done as independent reading.

*Prerequisite:* Classics 202 or consent of instructor.

.5 to 1 unit

### **CL302** Advanced Reading in Greek:

Further exploration of ancient, medieval or modern Greek literature, done as independent reading.

*Prerequisite:* Classics 202 or consent of instructor.

1 unit — Dobson

### **CL303** Review of Greek with Emphasis on Rhetorical and Poetic Reading Skills

*Prerequisite:* Classics 301. .25 Unit.

*Prerequisite:* Classics 301.

.25 unit — Lund

### **CL304** Review of Greek with Emphasis on Rhetorical and Poetic Reading Skills

*Prerequisite:* Classics 301.

*Prerequisite:* Classics 301.

.25 unit — Lund

**CL311** Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

*Prerequisite:* Classics 212 or consent of instructor.

1 unit — Buxton

**CL312** Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

*Prerequisite:* Classics 212.

1 unit — Cramer

**CL313** Review of Latin with Emphasis on Rhetorical and Poetic Reading Skills

*Prerequisite:* Classics 311. .25 unit.

*Prerequisite:* Classics 311.

.25 unit — Lund

**CL314** Review of Latin with Emphasis on Rhetorical and Poetic Reading Skills

*Prerequisite:* Classics 311.

*Prerequisite:* Classics 311.

.25 unit — Lund

**CL322** Advanced Topics:

Study for advanced students in the languages, arts, drama and literature. (Not offered 2020-21).

.5 to 1.5 units

**CL323** Empire and Power: Readings in Latin

(Summer only 2020-21).

*Prerequisite:* Meets 3 times a week.

.5 unit

**CL325** Colloquium: Juvenal

(Summer only 2020-21).

.25 unit



**CL333** Roman Epicureanism in the Late Republic

(Summer only 2020-21).

1 unit

**CL336** Colloquium: Medieval Latin

(Summer only 2020-21).

.25 unit

**CL401** Directed Readings in Greek:

Independent study of various authors and special topics.

*Prerequisite:* 301, 302.

.5 to 1 unit

**CL402** Directed Readings in Greek:

Independent study of various authors and special topics.

*Prerequisite:* 301, 302.

1 unit — Dobson

**CL411** Directed Readings in Latin:

Independent study of various authors and special topics.

*Prerequisite:* 311, 312 or consent of instructor.

1 unit — Buxton

**CL412** Directed Readings in Latin:

Independent study of various authors and special topics.

*Prerequisite:* 311, 312.

1 unit — Cramer

**CL418** Colloquium:

(Summer only 2020-21).

.25 to .5 units

**CL431** Thesis

Thesis subjects chosen by student and approved by department. Senior Classics, Classics-History-Politics and Classics - English majors.

*Prerequisite:* Senior Majors Only.

1 unit — Cramer

**CL512** Reading in Latin: Vergil

(Summer only 2020-21).

1 unit

**CL513** Advanced Reading in Latin: Roman Satire--Horace and Juvenal

(Summer only 2020-21).

1 unit

**CL520** The Latin Institute

(Summer only 2020-21).

2 units

## Classics-English

*Applicable for the 2020-2021 academic year.*

**Classics-English Website (<https://www.coloradocollege.edu/academics/dept/classics/requirements/classics-english-major.html>)**

The Classics-English major provides the possibility for students to enhance their study of English and the Classics by learning the language(s) that most deeply influenced English (over 60 percent is either Latin or Greek), and the literary subject matter that is the primary material from which later centuries in the West created their literature. For example, reading the *Odyssey* in Greek cannot help but deepen one's knowledge and appreciation of Joyce's *Ulysses*, learning mythology, such as Ovid's *Metamorphoses* in Latin, is of paramount importance in understanding Shakespeare and many other authors.

The joint major allows students to take advantage of Classics courses as well as one (or both) of the ancient languages to benefit their English literature training and vice versa.

This major starts from the observation that English and Classics reinforce each other. Classical genres underlie modern poetry, drama, and fiction, and most writers in English, into the 20th-century, have studied classical languages (at least Latin) and literature, so that classics is an important interpretive context for them. Moreover, English literature responds to Classics in ways that are important for Classics itself. We therefore allow students to complete slightly less work in each department than they would need to graduate with the single major.

### Major Requirements

**Requirements:** Normal requirements are between 9 and 12 units as follows:

- Classical Language (Greek or Latin), including one block at the 300 level in one classical language (1 unit minimum)
- Introduction to literary study and interpretation (2 units): English 250 (or Comparative Literature 210): Introduction to Literary Theory, and English 221: Introduction to Poetry
- English courses at the 300 or 400 level covering at least two of the following five periods (2 units):
  - Medieval-Renaissance (excluding Shakespeare)
  - Shakespeare
  - 18<sup>th</sup> century
  - 19<sup>th</sup> century
  - 20<sup>th</sup>/21<sup>st</sup> centuries
- At least two Classics courses covering the genres of literature, drama, or mythology (2 units minimum)
- The department of classics written and oral examination over the department's reading list
- Senior Thesis (2 units minimum): English 480 (1 unit, the 1-block senior seminar) plus either English 499 or Classics 431 (Independent Senior Thesis, 1 unit minimum). The senior thesis project is to be co-directed and co-evaluated by two faculty members, one from Classics and one from English. It will be evaluated on the basis of its sophistication in the methodologies of both disciplines.

**Total units required: 9-12.**

Both departments also recommend study of a modern language to a level allowing literary reading.

## Courses

### Classics

#### CL101 Greek for Beginners

Introduction to the structure and vocabulary of classical Greek, with attention to those features that form the classical basis of Biblical koine and for the classical side of Greek diglossia from Hellenistic times through the 20th century. Short texts from Homer to Kazantzakis and Cavafy provide practice in literary, philosophical and rhetorical reading and initiation in major areas of Western thought. Attention to the history of the language and its relation to ancient, medieval and modern culture.

1 or 2 units — Buxton

#### CL103 Review of Elementary Greek

A lower-level maintenance course for students who plan to continue their study of Greek. A systematic review of grammar with supervised readings and translation practice.  
Prerequisite: Classics 101 or equivalent. .25 unit.

*Prerequisite:* Classics 101 or equivalent.

.25 unit — Lund

#### CL104 Review of Elementary Greek

A lower-level maintenance course for students who plan to continue their study of Greek. A systematic review of grammar with supervised reading and translation practice. Prerequisite: Classics 101 or equivalent. .25 unit.

*Prerequisite:* Classics 101 or equivalent.

.25 unit — Lund

### **CL111** Latin for Beginners

Introduction to the structure of classical Latin; reading of short texts from Plautus to Milton and Newton to provide practice in literary and rhetorical reading and initiation in major areas of western thought. Attention to the history of the language and its relation to ancient, medieval and modern culture.

2 units — Thakur

### **CL113** Review of Elementary Latin

A lower-level maintenance course for students who plan to continue their study of Latin. A systematic review of grammar with supervised reading and translation practice. Prerequisite: Classics 111 or equivalent. .25 unit.

*Prerequisite:* Classics 111 or equivalent.

.25 unit — Lund

### **CL114** Review of Elementary Latin

A lower-level maintenance course for students who plan to continue their study of Latin. A systematic review of grammar with supervised reading and translation practice. Prerequisite: Classics 111 or equivalent. .25 unit.

*Prerequisite:* Classics 111 or equivalent.

.25 unit — Lund

### **CL115** Introduction to Classical Literature and Archaeology:

Introduction to Ancient Greek and Roman cultures through reading of original sources and an examination of material culture. Part One: literature from various genres (such as epic, dramatic, lyric and philosophical); modern ways of receiving and interpreting them. Part Two: art, architecture and topography of ancient Greece and Rome. This course will consider the long-standing influence these civilizations played in the development of later Western cultures, and will examine modern outcomes and parallels to the historical forms and movements, such as Athenian democracy as a precedent for American democracy, colonization in antiquity and European colonialism in the c. 16-19, and the Roman Empire as a precedent for the expansive American State of late c. 19 to the present. (Not offered 2020-21).

1 to 2 units

### **CL116** Greek History and Philosophy: Self and Soul from Antiquity to Modernity

Aegean and Greek archaeological, historical, literary and philosophical texts, with emphasis on ideas formative of Western culture. The development and transformations of these ideas as reflected in selected texts from the early Christian era, the Enlightenment, and the Modern Age. We concentrate on concepts of what it means to be human, and the relation of individuals to community, nature, and the divine in such authors as Homer, Sophocles, Aeschylus, Euripides, Plato, Aristotle, Augustine, Dante, Descartes, Goethe, Nietzsche, and Heidegger (Also listed as History 116 and Philosophy 116.) (Not offered 2020-21).

2 units

**CL117** Concepts of Freedom from Ancient to Modern Times

This interdisciplinary course explores enduring questions in the Western tradition: What does it mean to be free? What are the basic ideas of freedom that figure prominently in the Western tradition? What is freedom for? Is there a rational use of freedom? Discussion will spring from readings in ancient, medieval and modern philosophy, politics, religion and literature, and complementary films. (Not offered 2020-21).

2 units

**CL118** Myth, Gender and Metamorphosis in the Ancient Mediterranean

An exploration of Greek, Roman and Near Eastern myths in the ancient Mediterranean, emphasizing metamorphoses thematically across cultures, with attention to the (imagined) other in gender and society. Readings will include selections from Mesopotamian literature (Enuma Elish, The Epic of Gilgamesh, The Hymns to Inanna), Greece and Rome (Hesiod's Theogony, the Homeric Hymns, the Greek dramatists and Aristophanes, Sappho, Sulpicia and Ovid's Metamorphoses, among others), and accompanying art and archaeological evidence. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

2 units

**CL121** Intensive Latin Grammar Review and Reading Practice

Intensive Latin Grammar Review and Reading Practice. This course will use a morphological and syntactic approach to review and practice the essential structures and concepts of Latin grammar. It is intended to prepare students for courses at the 200 level. (Not offered 2020-21).

*Prerequisite:* Classics 111, placement above Classics 111 on department placement test or consent of department.

.5 to 1 unit

**CL125** The Ancient Mediterranean

Survey of the civilizations that flourished in and around Mesopotamia, Egypt, Syria-Palestine, Greece and Italy from the time of the first cities (3000 BC) to the rise of Islam (seventh century AD). Beyond providing a historical overview, the course explores the surprising ways in which the various peoples of this area influenced one another culturally. We will also learn about the different types of evidence, both literary and archaeological, on which knowledge of the ancient world is based. Meets the Critical Perspectives: Global

Cultures requirement.

1 unit — Schroer

**CL160** Race, Ethnicity, and Prejudice in the Ancient World

An introduction to the theoretical concept of ethnicity and related issues as they played out in the ancient Mediterranean world. In particular, a focus on the way Greeks and Romans defined themselves and distinguished themselves from other peoples as a way of assigning meaning to the universe, and how those attitudes motivated their behavior towards outsiders. Also an examination of the practical effects of such discourses on the lives of people who lived in Greek and Roman communities without belonging to the dominant groups, and some of the ways in which modern approaches to race and ethnicity have structured and sometimes distorted our collective understanding of the past. The materials studied include literary, artistic, and archaeological evidence, as well as modern scholarship. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Cramer

**CL200** Latin Language

Latin Language course taken on Mediterranean Semester Program. (Not offered 2020-21).

.75 to 1 unit

**CL201** Reading in Greek:

Introduction to Greek literature, including Homer and dramatic, philosophical or historical writing. (Not offered 2020-21).

*Prerequisite:* Classics 101 or consent of instructor.

.5 to 1 unit

**CL202** Reading in Greek:

Introduction to Greek literature, including Homer and dramatic, philosophical or historical writing.

*Prerequisite:* Classics 101 or consent of instructor.

1 unit — Dobson

**CL203** Review of Intermediate Greek

An upper-level maintenance course for students who plan to continue their study of Greek. A systematic review of grammar with reading and translation practice. Prerequisite: Classics 201 or equivalent. .25 unit.

*Prerequisite:* Classics 201 or equivalent.

.25 unit — Lund

**CL204** Review of Intermediate Greek

An upper-level maintenance course for students who plan to continue their study of Greek. A systematic review of grammar with reading and translation practice. Prerequisite: Classics 201 or equivalent. .25 unit.

*Prerequisite:* Classics 201 or equivalent.

.25 unit — Lund

**CL209** Late Antiquity: Imperial Rome, Mystery Religions, Judaism, Christianity and Islam

A study of imagery during Late Antiquity—200-750 CE--through art, architecture, archaeological sites and texts. The course covers the visual arts in imperial Rome and Sassanid Persia, the mystery religions of Mithras, Isis and Dionysus as well as Judaism, Christianity and early Islam. We will study how the power of images was harnessed to convey religious meaning and convert adherents; how the imagery of pagan antiquity influenced the eventual formation of a Christian visual language; how the first monuments of Islamic art drew on pre-existing traditions. Monuments to be studied include the Arch of Constantine, sanctuaries of Mithras and Isis, catacomb paintings, synagogues and their mosaic floors, the religious buildings of Dura Europos, Christian basilicas and their decoration, the Hagia Sophia and the Dome of the Rock. 1 unit

*Prerequisite:* Art History 111, 112 or consent of instructor.

1 unit — Kolarik

**CL210** Greek Philosophy

Major writers and schools from the thousand year history of Greek philosophical research in the areas of nature, the gods, the mind, and ways of life: Ionian and Italian Pre-Socratics, Plato and the Academy, Aristotle, Pyrrho, the Cynics, the Stoa, Epicurus and Lucretius, and the revival in Late Antiquity of Pyrronian Scepticism and Platonism. Emphasis on close reading of the texts (including certain Greek terms) and on critical and comparative writing.

1 unit — Furtak

**CL211** Reading in Latin:

Various ancient and medieval Latin works.

*Prerequisite:* Classics 111 or consent of instructor.

1 unit — Buxton

**CL212** Reading in Latin:

Various ancient and medieval Latin works.

*Prerequisite:* Classics 111 or consent of instructor.

1 unit — Cramer

**CL213** Review of Intermediate Latin

An upper-level maintenance course for students who plan to continue their study of Latin. A

systematic review of grammar with reading and translation practice. Prerequisite: Classics 211 or equivalent. .25 unit.

*Prerequisite:* Classics 211 or equivalent.

.25 unit — Lund

### **CL214** Review of Intermediate Latin

An upper-level maintenance course for students who plan to continue their study of Latin. A systematic review of grammar with reading and translation practice. Prerequisite: Classics 211 or equivalent. .25 unit.

*Prerequisite:* Classics 211 or equivalent.

.25 unit — Lund

### **CL216** History of the Roman Republic

Focus on the development of Rome, from a small city ruled by kings, to a regional power ruled under a Republic. The course will trace Rome's expansion through Italy, its conflict with Carthage and will closely examine the end of the Republic. Individuals discussed will include the Gracchi, generals Marius, Sulla, Pompey, Caesar, and Rome's greatest politician (and author) Cicero. (Also listed as History 216.)

1 unit — Thakur

### **CL218** Homer

The Iliad and Odyssey as oral traditional poems, preservers of Bronze Age and archaic lore, locus of the creation of classical Greek culture and predecessors of European epic; together with Hesiodic epic and Homeric hymns. Reading in English with attention to the formal Greek diction and the problems of translation, except that students who know Greek will read parts of the original text.

1 unit — Cramer

### **CL219** Greek Drama: Origins and Early Forms of Theater

A study of origins, early texts, performance practices and developing theatrical conventions in various cultures, with special emphasis on ancient Greek and Roman theatre. (Not offered 2020-21).

1 unit

### **CL220** Myth & Meaning

Religion and myth of ancient Greece and Rome in relation to that of the ancient Mediterranean (Akkadian, Hittite, Sumerian, Egyptian). Female presence in art, literature and religion compared to treatment of women in their respective cultures. Theoretical approaches to the understanding of myth (Comparative, Jungian, Structuralist) in relation to myths as they are encoded in their specific cultures. Students may trace a myth through Medieval, Renaissance and modern transformations in art, music, poetry and film, or study



myth in other cultures (e.g. Norse and Celtic). May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Dobson

### **CL221** The Invention of History

Herodotus, sometimes called the 'father of lies,' and Thucydides, sometimes called the first political scientist, treated as the first historians. Study of the ways of conceiving history and its relation to the peoples and periods explored. No Greek or Latin required.

1 unit — Buxton

### **CL222** Topics:

Courses vary from year to year, to include offerings in classical and comparative religion and mythology, history, language and literature, anthropology, archaeology and women's studies supplementary to those offered in the catalog. No Greek or Latin required.

1 unit — Reaves, Schroer, Thakur

### **CL223** Art of Greece & Rome

Surveys the art and architecture of Greece and Rome from their origins in Bronze Age Greece to their transformation in the late Roman Empire using methods of art history and archaeology. Ancient Greek cities and sanctuaries with emphasis on Athens and the monuments of the Acropolis. The spread of Hellenism and the formation of an imperial visual language under Alexander the Great and his successors. The influence of Etruscan and Greek art in the Roman Republic. Imperial monuments of the city of Rome and throughout the empire as instruments of power. The class will consider political and social factors in the formation and utilization of Classical forms in both ancient and modern times. (Also listed as AH 207). (Not offered 2020-21).

1 unit

### **CL226** Roman History: Literature and Culture of the Augustan Age

Focus on the development of the Roman state in the late first century B.C. under the emperor Augustus. The city, its monuments, its art, its literature, bureaucracy and territorial expansion, the role of women, and various social and minority groups will all be discussed. In particular, the course will emphasize important and influential literary figures, such as Horace, Ovid, Propertius, Virgil and Augustus himself. (Not offered 2020-21).

1 unit

### **CL227** The Ancient Economy

A survey of economic life in ancient Greece and Rome, which involved both primitive subsistence agriculture and a complex international marketplace of luxury goods—often tightly regulated by predatory states. Topics will include the essential but diverse role of slavery, why debt crises plagued rich and poor alike, the degree to which banking facilitated international trade, and how governments manipulated the silver content of coinage to cover budget shortfalls or finance armies. Also considered are the reasons behind the invention

and spread of coinage as a medium of exchange. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Buxton

### **CL230** Independent Study

Special projects related to Classics or the ancient world, requiring no knowledge of ancient languages, arranged by individual students and Classics Department faculty. May be offered in extended format or half-block format.

.5 to 1 unit

### **CL236** History of the Roman Empire

Focus on how conservative Roman republican ideals were reconciled with an increasingly Hellenized empire dominated by an imperial dynasty. Following a brief survey of prior Roman history, the course will examine the development of the Roman state in the first century AD under the Julio-Claudian emperors. The course will proceed to consider the Empire's evolution and management under subsequent Flavian and Antonine dynasties. The city, its monuments, its art, its literature, bureaucracy and territorial expansion, the role of women, various social and minority groups, and the growth of Christianity will all be discussed.

1 unit — Schroer

### **CL250** History of Classical Greece

A survey of the development and expansion of Greek city states (known as "poleis") from their emergence in the eighth century BC to Greece's conquest by Philip II of Macedonia, father of Alexander the Great. Particular attention will be paid to Athens and Sparta, the two great powers of this period. The class will examine Greece's political institutions (How direct was direct democracy?), social relations (What were the lived realities of women, foreigners and slaves?) and intellectual history (especially the rise of rhetoric to better persuade mass audiences in a democracy). Readings will draw on ancient historians (Herodotus, Thucydides), political theorists (Plato, Aristotle), satirists (Aristophanes) and statesmen (Demosthenes, Lysias, Xenophon). (Not offered 2020-21).

1 unit

### **CL252** Age of Alexander the Great

An examination of the life of Alexander the Great and the ancient Mediterranean world in which he lived. Also considered are the impact he had on the historical development of that world after his death, the political use of his legacy from antiquity to the 21st century, and the fascination he continues to inspire. (Not offered 2020-21).

1 unit

### **CL255** The Life of the Soul

Since the beginning of time, humans have been searching into the nature of the soul, its life and its meanings. Starting from the Greeks, this course seeks to discover how the concept of

“soul” is understood, and how its life is conceived. We will explore the roots of these questions in ancient Greek epic, drama and philosophy, how these answers transform in medieval and renaissance literature, and how modernity offers strikingly new answers to them.

1 unit — Dobson, Riker

### **CL260** Gender and Sexuality in the Ancient World

An introductory survey of issues relating to gender and sexuality in Greece and Rome. The focus will be on the role of women in ancient society and their characterization in literature. Though our sources are dominated by male perspectives, the class will attempt a balanced and accurate picture of ancient society. The course will also place these literary depictions in the broader context of art, political and societal structure, religious belief and family relations. Authors examined will include Hesiod, Homer, Aristophanes, Virgil, the female poets Sappho and Sulpicia, Ovid, and many more. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Schroer

### **CL275** Ancient Sports and Entertainment

The course considers the role sport and entertainment played in ancient society. We begin by examining athletics in the Greek world, specifically the Olympics and other major games. We will discuss the different types of events and then consider the evolving role athletics played in Greek education and society. We will then transition to the Roman world, examining gladiatorial games, chariot racing, the theatre, and the Olympics in the Roman period. We will trace the development of the status of athletes from amateurs to the professionalization of sport, and pause to consider the place of musicians and actors in Greek and Roman society. Throughout the course students will become familiar with the architecture of related venues and investigate the role of spectators. Students will continually be challenged to relate ancient athletics to the sports of today. Sources will include Homer, Pindar, Virgil, Ovid, Martial and various inscriptions. (Not offered 2020-21).

1 unit

### **CL299** Independent Study

Supervised readings or investigations in areas of interest to the students that are not covered in regular Classics Department offerings. Readings and/or investigations to be followed up with discussions and written reports. Must be approved by the Chair on behalf of the Department, in addition to the supervising professor.

*Prerequisite:* consent of department.

.5 to 1 unit

### **CL301** Advanced Reading in Greek:

Further exploration of ancient, medieval or modern Greek literature, done as independent reading.

*Prerequisite:* Classics 202 or consent of instructor.

.5 to 1 unit

**CL302** Advanced Reading in Greek:

Further exploration of ancient, medieval or modern Greek literature, done as independent reading.

*Prerequisite:* Classics 202 or consent of instructor.

1 unit — Dobson

**CL303** Review of Greek with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 301. .25 Unit.

*Prerequisite:* Classics 301.

.25 unit — Lund

**CL304** Review of Greek with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 301.

*Prerequisite:* Classics 301.

.25 unit — Lund

**CL311** Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

*Prerequisite:* Classics 212 or consent of instructor.

1 unit — Buxton

**CL312** Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

*Prerequisite:* Classics 212.

1 unit — Cramer

**CL313** Review of Latin with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 311. .25 unit.

*Prerequisite:* Classics 311.

.25 unit — Lund

**CL314** Review of Latin with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 311.

*Prerequisite:* Classics 311.

.25 unit — Lund

**CL322** Advanced Topics:

Study for advanced students in the languages, arts, drama and literature. (Not offered 2020-21).

.5 to 1.5 units

**CL323** Empire and Power: Readings in Latin

(Summer only 2020-21).

*Prerequisite:* Meets 3 times a week.

.5 unit

**CL325** Colloquium: Juvenal

(Summer only 2020-21).

.25 unit

**CL333** Roman Epicureanism in the Late Republic

(Summer only 2020-21).

1 unit

**CL336** Colloquium: Medieval Latin

(Summer only 2020-21).

.25 unit

**CL401** Directed Readings in Greek:

Independent study of various authors and special topics.

*Prerequisite:* 301, 302.

.5 to 1 unit

**CL402** Directed Readings in Greek:

Independent study of various authors and special topics.

*Prerequisite:* 301, 302.

1 unit — Dobson

**CL411** Directed Readings in Latin:

Independent study of various authors and special topics.

*Prerequisite:* 311, 312 or consent of instructor.

1 unit — Buxton

**CL412** Directed Readings in Latin:

Independent study of various authors and special topics.

*Prerequisite:* 311, 312.

1 unit — Cramer

**CL418** Colloquium:

(Summer only 2020-21).

.25 to .5 units

**CL431** Thesis

Thesis subjects chosen by student and approved by department. Senior Classics, Classics-History-Politics and Classics - English majors.

*Prerequisite:* Senior Majors Only.

1 unit — Cramer

**CL512** Reading in Latin: Vergil

(Summer only 2020-21).

1 unit

**CL513** Advanced Reading in Latin: Roman Satire--Horace and Juvenal

(Summer only 2020-21).

1 unit

**CL520** The Latin Institute

(Summer only 2020-21).

2 units

**English**

**EN104** Cross-Genre Writing Workshop

This high-energy workshop allows creative writers to try their hands at a range of styles.

From prose to spoken word to plays, we will explore across genres, building a tool box of literary adventure. (Summer only 2020-21).

*Prerequisite:* Pre college course.

.25 to 1 unit

**EN200** Drama Away: Edinburgh, Performing Renaissance Drama

(Summer only 2020-21).

1.5 units

**EN201** Introduction to Literature

The forms of literary expression and experience; the purposes of literature; the relationship between form and content, and genre and theme; the differences between poetry and prose; the approaches to meanings in texts; the analysis of how a work can be both universal and a product of a particular historical period and society. Emphasis on Western tradition, with readings from antiquity to the modern age. (Not offered 2020-21).

1 to 2 units

**EN203** Tradition and Change in Literature

The study of a single theme or subject as it emerges in selected periods of literature, chiefly English and American, from the Renaissance to the 20th century. Attention will be directed toward the Classical and Medieval origins of texts and traditions. The historical periods and the subjects will vary from section to section and from year to year. The focus will be upon such themes and subjects as nature, cities, love, oppression, satire, the epic, narrative, and critical tradition and revolt. (Not offered 2020-21).

1 to 2 units

**EN205** Study of Genre

Examines a single literary genre or mode such as pastoral, epistle, romance, tragedy, or satire within and across a range of historical periods and cultural and national contexts. May include related theoretical and critical readings. (Not offered 2020-21).

1 unit

**EN207** Masterpieces of Literature: Greeks to Modern

Major works of literature by authors from antiquity to modern times, including Homer, Greek dramatists, Dante, Shakespeare and selected authors from later periods. (Offered in some years with Writing Intensive.) (Not offered 2020-21).

1 to 2 units

**EN211** Reading Fiction

An introduction to reading (or interpreting) narrative fiction. (Offered in some years as Writing Intensive.)

1 unit

**EN214** Summer Independent Reading:

.75 to 1 unit

**EN215** Creativity: Theory and Practice

Examines creativity from both a theoretical and a practical standpoint. The course is divided into three sections. The first explores theoretical material on creativity as an individual process and practical exercises on generating creative material. The second examines creativity as a product of social groups, especially as this relates to the issue of 'craft'. The third focuses on creativity as it is tied to particular times and places and practical issues of making creative products public. (Not offered 2020-21).

1 unit

**EN219** Elizabeth Bishop's Brazil (in Brazil)

(Summer only 2020-21).

*Prerequisite:* 1/2 week at Baca & 4 weeks in Brazil. Program Fee: \$3,500.

1.5 units

**EN221** Introduction to Poetry

Introduction to close reading of poetry through a wide range of poems. Students will learn the terminology and techniques used to analyze poetry and employ these in readings of poems, and will become familiar with a variety of poetic forms and traditions.

1 unit — Goldberg, Love, Richman

**EN223** The Bible as Literature

The Bible considered as one of the great literary works of the Western world and, in the King James translation, a masterpiece of English prose. Emphasis on its narrative structure, its characterization, and the beauty and power of its language, with some attention to its influence on later works of literature. (Not offered 2020-21).

1 unit

**EN225** Introduction to Shakespeare

An introduction to Shakespeare's dramatic works through four to seven representative plays

1 unit — Evitt, Love

**EN230** Introduction to Literature and Environment

An introduction to environmental literature, through genres such as nature writing, memoir, climate fiction (cli-fi), and topics such as wilderness, apocalypticism, climate change, and environmental justice. (Not offered 2020-21).



1 unit

**EN240** Disability, Literature and Culture

The early modern era introduced and heightened critical debates on identity, medicine, and the human body that resonate in contemporary society. This course will focus on the discussions around the notion of disability and its representation, purpose, and function in literature and film by looking specifically at the theoretical writings of prominent scholars of the new Critical Disability Studies paradigm. Taking these approaches, the course will then apply such critical frames to texts and films produced over the last 3 centuries.

.5 unit — Richman

**EN248** A Wandering Nest: Travel Literature, Writing and Film

(Summer only 2020-21).

1 unit

**EN250** Introduction to Literary Theory

An introduction to literary theory and criticism. Students will study selected poetry, plays and fiction through leading methods such as New Criticism, Structuralism, Deconstruction, and New Historicism, with attention to such topics as Psychoanalytic, Marxist, Feminist, and Post-Colonial approaches. Students will have the opportunity to develop their own critical approaches.

1 unit — Butte, Davis, Islam

**EN251** Literature by Native American Writers

Provides a broad overview of literature by Native American writers through a range of genres, modes, and media. Builds an indigenous-centered understanding of the literary terrain and evaluates former and current expectations set upon texts by Native American writers by studying the social, cultural, historical, and literary contexts of which each generation of writers/artists have engaged in subtle, sweeping, restorative, and/or even problematic ways. Identifies and studies key concepts, terms, and methods by tracing chronologically themes such as settler colonialism and genocidal trauma; tribal sovereignty and current social issues; and, stereotypes, tropes and modern Native American identity and conflicts of authenticity, as well as survival models of resistance and recovery for Indigenous peoples in literature. 1 unit. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**EN252** Topics in Literature by Native American Writers:

Examines literature by Native American writers through cultural, social, historical, generic, and/or aesthetic lenses. Students will focus on a curated selection of texts by Native American writers in order to identify and study key concepts, terms, methods, and techniques through a concentrated scope. Topics may include, for example, works by Native American writers and artists within specific literary genres or alongside another medium (art, film, etc.). 1 unit. (Not offered 2020-21).

1 unit

**EN253** The Literature of the American Southwest

The literature of the Native Americans, the Spanish, and the Anglos. Readings in transcribed poetry and song, diaries, folk literature, and modern authors such as D. H. Lawrence, Willa Cather, Edward Abbey, Rudolfo Anaya, and Leslie Silko. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**EN259** Lesbian, Gay, Bisexual, Transgender, Queer Literature

Introduces features of what might be called a lesbian, gay, bisexual, transgender, and/or queer literary and theoretical tradition. Uses classical, Renaissance, modern postmodern, and contemporary literature, criticism, and film to examine the complicated status and experience of non-majority sexualities. Considers writers, theorists and activists who have explored the relationships among sexuality, knowledge, and literature, including Plato, Michel Foucault, Oscar Wilde, Shakespeare, Nella Larsen, James Baldwin and Alison Bechdel. (Not offered 2020-21).

1 unit

**EN270** Introduction to Postcolonial Studies

Introduces students to the history, theory, and study of postcolonial literature. We will read literary and theoretical texts from and about the Caribbean, Ireland, Britain, Africa, and India in order to see how postcolonial writers appropriate and retool the English language and its literary forms. We will examine how this writing expresses the dynamics of decolonization and the complexities of postcolonial societies, while also allowing us to consider whether the world we live today is truly postcolonial. (Not offered 2020-21).

1 unit

**EN275** Comics and Graphic Narrative

Explores the history and craft of graphic narrative from the eighteenth century to the contemporary moment. Students will consider how the medium of comics negotiates both visuality and textuality by tracing the role of typography and iconography in the development of graphic narrative from its designation as pop cultural ephemera to high literary and artistic form. Considers writers and theorists such as Roland Barthes, Scott McCloud, W.J.T. Mitchell, Marshall McLuhan, Lynd Ward, Will Eisner, Art Spiegelman, Marjane Satrapi, Daniel Clowes, Chris Ware, Alan Moore, and Alison Bechdel. (Not offered 2020-21).

1 unit

**EN280** Topics in Literature:

Studies in a wide array of cultural, social, historical, generic, and aesthetic topics in British and American literature. Designed for first-year students, sophomores, non-majors, as well as majors.

.5 or 1 unit — Butte, Hughes, Islam, Lo

**EN281** Topics in Literature: 'The Adventures of Huckleberry Finn

In-depth study of one author or one major literary work (Not offered 2020-21).

.5 unit

**EN282** Beginning Poetry Writing

Practice in writing poetry.

*Prerequisite:* consent of instructor & English 221.

1 unit — Marshall

**EN283** Beginning Fiction Writing

Practice in writing prose fiction.

1 unit — Hayward, Pulley

**EN284** Screenwriting

Examines the fundamentals of screenwriting: theme and meaning, structure, narrative, dialogue, character development, and revision. Students will read, analyze, and discuss the screenplays for produced films; develop and pitch their own story ideas; and plan, write, and revise, by the end of the course, a significant screenplay project. (Not offered 2020-21).

1 unit

**EN285** Beginning Creative Nonfiction Writing

Practice writing nonfiction prose with literary, artistic intention. Typical uses include personal essays, biographical profiles, and prose essays dealing with issues in history, science, nature, travel, and culture which employ the narrative tools commonly used by writers of fiction. May be taken instead of EN 280 Literary Journalism, for credit for the thematic minor in Journalism.

1 unit

**EN286** Topics in Creative Writing:

Practice in writing specific genres, both fiction and non-fiction. Topics may include travel writing, autobiography, nature writing, science fiction, detective fiction, and others.

1 unit — Bash, Hilberry, Marshall, Rollins

**EN288** Writing for Performance

Identifies techniques utilized by writers of performance, ranging from slam poets to monologists to playwrights. Script and poem excerpts as well as video and audio samples will serve as the basis for in-class conversations around craft. Students will embark on a series of short solo and group writing exercises, trying their hand at a myriad of

performance writing forms. Selected student work of merit will be presented in a final public staged reading. (Not offered 2020-21).

1 unit

### **EN290** The Birth of the American Novel

Origins in the New Republic (Charlotte Temple, Wieland, the Last of the Mohicans, Hope Leslie), 19th-century young adulthood (The Blithedale Romance, Adventures of Huckleberry Finn, The American). Historical conditions that nurtured or stymied the development of the novel. Practice in close textual reading. (Not offered 2020-21).

1 unit

### **EN298** Representing Identities in Contemporary Fiction

As contemporary writers work towards inventing characters that better represent our diverse world in their fiction, they often must wrestle with constructing identity through and against stereotypes, privilege, overt and indirect racism, objectification, and bias. Even the most valiant attempts for racial, gendered, LGBTQ\*, and able-bodied inclusion in fiction come with concerns and unintended pitfalls, particularly when writers represent bodies that are radically different than their own. Students will read multiple texts, participate in discussions and research, and write responses, essays, and creative experiments in order to begin a discussion on body and identity representation in contemporary fiction. This literature course focuses on craft writing with a heavy writing component; however, there is no creative writing prerequisite. With an emphasis upon close reading, we will begin with a study of character construction and review trends of body representation in literature starting with the early novel before delving into current and ongoing articles and arguments. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Pulley

### **EN299** Creative or Literary Practicum

Extended format adjunct (.25 unit per semester or .5 unit per full year). Studies in a wide array of creative writing practice, publishing, or cultural, social, historical, generic, and aesthetic topics in British and American literature. Designed for declared English majors (any track). (Not offered 2020-21).

*Prerequisite:* Declared English major or consent of instructor.

.25 or .5 units

### **EN301** Reading the Popular

Textual and historical analysis of 'formula fiction' and popular genres such as romances, Westerns, thrillers, detective stories, horror stories, and science fiction, while also examining traditional ways of distinguishing between 'high art' and the popular. Readings from such authors as Harriet Beecher Stowe, H. G. Wells, Edgar Rice Burroughs, Zane Grey, Margaret Mitchell, Raymond Chandler, Ian Fleming, Stephen King, as well as selected critics and theorists. (Not offered 2020-21).

1 unit

**EN302** History of the English Language: Power and Society in Language

History of the English Language provides an overview of the growth and development of the English language, from its earliest forms through contemporary usages. Students will explore how the English language's sound system, grammar, and vocabulary work. They will learn how these elements have changed over time (from Old English to Middle English to Early Modern English to contemporary English). Class discussions will focus on the social and political events that have influenced linguistic changes in English. Students will consider specifically the impact of invasion, conquest, and colonization on the development of the English language from its earliest forms through its gradual establishment as a global language. The course introduces students to: 1) the sociopolitical contexts for changes within various language systems (including phonology, morphology, graphics, syntax, lexicon, and semantics); 2) how dialects work; 3) the various forms in which English manifests itself as a global language in the contemporary world. Literary examples will provide the ground for these explorations throughout the course. Units 1. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit

**EN303** Theories of Teaching Writing

Introduces students to the 19th century and 20th century precedents for current practice in writing instruction at the post-secondary level. Examines the historical roots of post-secondary writing instruction and competing epistemologies driving classroom practices and academic and public visions of the writer, writing, and writing instruction. (Not offered 2020-21).

*Prerequisite:* consent of instructor.

1 unit

**EN305** Advanced Study of a Genre

In-depth examination of a single literary genre or mode (such as pastoral, epistle, romance, horror, tragedy, or satire) within and across a range of historical periods and cultural and national contexts. Includes theoretical and critical readings. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit

**EN306** Problems in Literary Theory

Key issues in literary interpretation. Cultural criticism, Marxism, structuralism and deconstruction, feminist theory, ethnic criticism, psychoanalysis, hermeneutics, rhetorical criticism, etc.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Sarchett, Sawyer

**EN307** Practice in Fiction Writing

This course allows students to keep working on fiction projects outside the regular block courses of the major. Schedule determined in conversation with instructor. (Not offered 2020-21).

*Prerequisite:* English 283 and consent of instructor.

**EN308** Advanced Poetry Workshop

Writing workshop for experienced writers, with focus on issues of craft in poetry.

*Prerequisite:* consent of instructor & English 282.

1 unit — Rollins

**EN309** Advanced Fiction Workshop

Writing workshop for experienced writers, with focus on issues of craft in fiction.

*Prerequisite:* consent of instructor & English 283.

1 unit — Walsh-Kuitenbrouwer

**EN310** Issues in Medieval Literature:

Selected English and/or Continental literature of the period 400-1500, organized around a specific topic or theme.

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit — Evitt

**EN311** Chaucer's 'Canterbury Tales'

Introduction to Middle English and close reading of selections from The Canterbury Tales

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit — Evitt

**EN312** The Other Chaucer

Introduction to Middle English and close reading of selections from Chaucer's minor poems, including The Book of the Duchess, Troilus and Criseyde, The Legend of Good Women, and Parlement of Fowles. (Not offered 2020-21).

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit

**EN313** Dante's 'Divine Comedy'

Intensive study (in translation) of Dante and his intertexts as context for readings and/or

further coursework in later English literature (Chaucer, Shakespeare, Milton, Shelley, Joyce, T. S. Eliot, etc.). (Not offered 2020-21).

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit

**EN320** Issues in Renaissance Literature:

Selected literature of the period 1500-1660, organized around a specific topic or theme. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN321** Renaissance Poetry

Selected poetry of the period 1500-1660 focusing on a single poet (such as Donne or Spenser), a group of poets (such as Donne and the Metaphysicals or Ben Jonson and the Tribe of Ben), or a particular genre of poetry (such as narrative verse, the lyric, pastoral poetry, the sonnet sequence, or satire.) (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN326** Studies in Shakespeare:

Detailed study of one of the following groups: 1) histories, 2) comedies and romances, 3) major tragedies, 4) a number of the works grouped according to a thematic principle. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN328** Renaissance Drama

Tragedies, comedies, and tragi-comedies by Shakespeare's contemporaries. (Not offered 2020-21).

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit

**EN329** Milton

Major poetry and selected prose of John Milton, with particular emphasis on Paradise Lost. (Not offered 2020-21).

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit

**EN330** Advanced Topics in Literature and Environment

Key issues in ecocriticism and/or the environmental humanities through the sustained study of a particular genre or mode, or in a particular historical period. Includes theoretical and critical readings. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit

**EN350** Issues in Literature of the Long 18th Century:

Selected British (and occasionally some American) literature of the period 1660-1830, organized around a specific topic or theme.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Richman

**EN352** 18th-Century British Novel

Examines the origins of the British novel as literary and cultural form from the late 17th century through the early 19th century. Emphasis on one or several of the following critical issues: the epistolary novel, satire, spiritual narrative, representations of gender, imperialism and colonialism, and narrative theory. Authors may include Haywood, Behn, Defoe, Fielding, Richardson, Burney, Smollett, Sterne, Mackenzie, Smith, Edgeworth, and Austen. (Not offered 2020-21).

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit

**EN360** Issues in British Romanticism:

Selected literature of the period 1780-1830, organized around a specific Romantic-era topic or theme. (Not offered 2020-21).

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit

**EN362** British Romantic Fiction

Examines the novel from 1780 to 1830. Authors may include Godwin, Smith, Radcliffe, Lewis, Wollstonecraft, Edgeworth, Austen, Shelley, Hogg, and Scott. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit

**EN365** British Romantic Poetry

Principal works of selected Romantic-era poets, such as Wordsworth, Coleridge, Blake, Smith, Barbauld, Burns, Robinson, Byron, Keats, the Shelleys, Hemans, and Clare, with



attention to formal, critical, and historical issues. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

### **EN370** Issues in 19th-Century Literature

Selected fiction, poetry, and non-fiction prose which looks at a problem or theme in 19th-century British and/or American literature such as narratives of identity, archetypes of city and nature, the politics of genre, comparisons of British and American culture, and the nature of literary periods themselves.

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit — Richman, Tallent

### **EN371** 19th Century British Poetry

Selected works by poets writing after 1830, such as Tennyson, Browning, Arnold, the Rossettis, Hopkins, with attention to formal and historical issues. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

.5 to 1 unit

### **EN372** 19th-Century British Novel

The novel in Britain 1815-1914, with emphasis on such authors as Thackeray, the Brontes, Dickens, George Eliot, Trollope, Hardy, and Conrad. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit

### **EN373** Advanced Studies in Postcolonial Literature

Advanced topics course exploring the theoretical and literary issues, questions, and themes raised in the rich literature, culture and theory that emerge as a response to and in contestation of the experiences of the colonial and postcolonial worlds. (Not offered 2020-21).

1 unit

### **EN379** Irish Literature

Study of Irish writing through a range of writers such as Swift, Edgeworth, Joyce, Yeats, O'Brien and Heaney. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit

### **EN380** Advanced Topics in Literary and Cultural Studies

Studies in a wide array of topics in American and British literature and media.

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit — Hughes, Islam, Lo, Sarchett

**EN381** Major Authors:

In-depth study of one major author, either contemporary or from an earlier period.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Minervini, Richman, Sarchett

**EN382** Studies in 20th-Century Fiction

Selected fiction exploring some aspect of the century's literary and cultural concerns or some particular literary movement. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN383** Studies in 20th-Century Poetry:

Selected poetry exploring some aspect of the century's literary and cultural concerns or some particular poetic movement. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN385** 20th-Century African-American Literature

Readings in black American writers such as W. E. B. Dubois, Ralph Ellison, Nella Larsen, and Rita Dove. Organized around aesthetic and cultural issues such as feminism, the 'anxiety of influence,' pressures of the marketplace, identity politics, and post-modern theory. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN386** James Joyce's 'Ulysses'

A concentrated study of Joyce's masterpiece, using extensive historical, biographical, critical, and theoretical materials. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN387** African-American Women Writers and Literary Tradition

Three centuries of texts by African-American women who have conspired with, rebelled against, and created literary traditions, such as Zora Neale Hurston, Pauline Hopkins, Rita Dove, Andrea Lee, and Nella Larsen.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Rollins

### **EN388** Writing for Performance 2

Advanced Students will envision and execute two performance writing projects: one of their own design, and the other an assignment provided by the professor, tailored to their sensibility. Projects range from one act plays to a series of slam poems to a stand up comedy routine, etc. In-class readings, performances, peer critique, and revision assignments will push us toward a culminating final staged reading of selected projects. (Not offered 2020-21).

*Prerequisite:* Theatre 217 or consent of instructor.

1 unit

### **EN391** Early American Literature

Major and minor works of the colonial period and the early republic by such writers as Edwards, Franklin, Rowlandson, Charles Brockden Brown, Cooper, and Irving.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Goldberg

### **EN394** 19th-Century American Literature

Examines major American authors of the 19th century. Authors may include Sedgwick, Poe, Hawthorne, Melville, Stowe, Twain, Emerson, Dickinson, Thoreau and Whitman. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 to 2 units

### **EN395** American Literature: American Realism 1870-1914

Major works of such authors as Dickinson, Mark Twain, Henry James, Crane, Robinson, Dreiser, Wharton and Henry Adams. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

### **EN397** American Literary Modernism, 1914-45

The rise of Modernist literature in the U.S. in relation to its discontents. Writers may include Eliot, Pound, W.C. Williams, Cather, Toomer, Stein, Hemingway, Faulkner, Fitzgerald, Hurston, and O'Neill. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 to 2 units

**EN398** Contemporary American Fiction

Major works of such authors as O'Connor, Pynchon, Delillo, Carver, Morrison, Wallace and others. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit

**EN399** Junior Seminar

Methodological preparation for advanced work in the literature track. Focus on secondary critical texts in the study of a literary topic or period. Required of junior English literature track majors.

*Prerequisite:* English 221, English 250, junior standing, a declared major in English, and consent of department. May be taken more than once for credit.

1 unit — Evitt, Love

**EN401** Independent Reading

*Prerequisite:* 221 or 250 & Jr/Sr English Major & consent of department.

.5 to 2 units

**EN404** Advanced Summer Independent Reading:

.5 to 2 units

**EN405** Shakespeare in London

(Summer only 2020-21).

1 unit

**EN480** Senior Seminar: Literature

Advanced study of a topic of literary significance. Required of all senior Literature Track English majors and of all senior Film Track English majors. Students taking this course for 1 unit must complete EN499 as well. Students taking this course for 2 units complete their senior theses within the course.

*Prerequisite:* English 399.

1 unit — Islam

**EN481** Senior Seminar: Creative Writing Workshop

Advanced study of creative writing, either fiction or poetry, culminating (after the Senior

Project block, EN 485) in a creative thesis such as a collection of short stories, a novella or novel, a collection of poems. Required of all senior Creative Writing English majors.

*Prerequisite:* consent of instructor & English 221 and English 250.

1 unit — Hayward, Marshall, Pulley

### **EN485** Senior Project: Creative Writing

Advanced study of a creative writing topic chosen by the student, approved by the department, in which the student completes a creative senior project (either fiction or poetry) in a workshop setting. Required of all Creative Writing Track seniors.

*Prerequisite:* English 221, English 250 and English 481.

1 unit — Hayward, Marshall, Pulley

### **EN499** Senior Project: Independent Thesis

Advanced study of a topic chosen by the student, approved by the department, with student research and writing directed by an individual faculty member. Required of all senior Regular Track English Majors who have taken a one-unit section of EN 480.

*Prerequisite:* English 221, English 250, and English 480.

1 unit — Butte, Evitt, Hayward, Islam

## **Classics-History-Politics**

*Applicable for the 2020-2021 academic year.*

**Classics-History-Politics Website (<http://www.coloradocollege.edu/academics/dept/politicalscience/requirements/classics-history-politics-major.dot>)**

Advisors; Professors CRAMER, FULLER, NEEL

The Classics–History–Politics major offers students interested in the Western intellectual tradition the opportunity for multidisciplinary study supported by training in languages central to that tradition. It culminates in a senior thesis requiring students each to address a major problem in the history of ideas in its historical context. The CHP major is highly flexible, allowing students to fulfill its requirements through varied options within the respective departments. Individuals' programs, however, must be carefully chosen in consultation with CHP staff so that courses within the constituent disciplines form an integrated whole fully supportive of their eventual senior projects.

### **Major Requirements**

All students opting for this major will complete an array of courses establishing their familiarity with the major political, social, and intellectual developments of the Mediterranean and Europe from antiquity to the contemporary world. Further, all will explore the Western tradition's ways of interpreting its past by attention to both classical and subsequent models. Students' historical and

historiographical coursework will be distributed among the three constituent departments. Meanwhile, they will develop skills in at least one classical and one modern language to the point that they are able to use each in independent reading and research. Declared CHP majors in all undergraduate years will participate in an informal seminar meeting once a block, in which they establish intellectual community with their peers and advisers in discussion of significant texts outside their course material.

Finally, all CHP majors will complete substantial projects of research and criticism integrative of their experience throughout this program; their respective theses will be enriched by consideration of the primary sources in which they are based in the original languages, where possible.

Students may choose as primary advisers for their respective thesis projects any faculty members in a constituent department; other members of the college faculty may be invited to consult on or advise theses by student petition and approval of the CHP staff. One of the major's core advisers, however, will always serve as first or second reader of thesis work, and advisory faculty will annually approve and, as appropriate, grant honors for all theses in classics–history–politics.

### **REQUIREMENTS — Entry (2 units):**

Students may enter the major after courses in Classics, Political Science, History, or the cognate disciplines of Art History, Philosophy, or Religion, as approved by the major advisers.

Ancient and modern language (to level of proficiency as individually determined by CHP faculty).

Normally, language proficiency will be understood to be the ability to read and respond to literary, historical, and philosophical works in either classical Greek or Latin (or, if appropriate to students' interests, Hebrew or Arabic) and a modern European language.

### **History of ideas (6 units):**

Students' historical requirement will regularly be fulfilled by the completion of at least one unit in each of four periods (antiquity, Middle Ages and Renaissance, modernity, and the contemporary world), including at least two units of political science. Because suitable political science courses frequently address multiple historical periods, students will consult with their advisers about the appropriateness of particular syllabi to the respective period requirements, sometimes fulfilling two historical requirements with paired, parallel political theory courses. Although students may petition to substitute courses omitted below — for instance topics courses of special interest — for elements among the core CHP offerings, the following list will optimally support their development through the program:

1. Antiquity: History 213/Classics 250 Greek Foundations/Athenian Democracy, Classics/History 216 Roman History I, Classics 226/History 227 Roman History II, Classics 222/Political Science 234 Freedom and Empire: The Drama of Ancient Politics.
2. Middle Ages and Renaissance: History 274 Making Europe: Medieval Culture and the Framing of European Identity, History 275 Renaissance and Reformation: Crisis and Dissent, History 312 Crusade and Reform in Europe's Long 12th Century.

III. Modern Period: History 249 Women, Children and Men, History 255 Nature and Society, History 277 Europe in an Age of Absolutism, History 278 Europe in the Age of Revolution, History 287 Enlightenment Culture, History 288 Intellectual History of Modern Europe (2 blocks), Political Science 205 Foundations of Political Economy, Political Science 246 Politics in

Literature, Political Science 292 American Political Thought, Political Science 270 Liberty and Equality, Political Science 371 Political Thought from Kant to Nietzsche.

1. Contemporary Period: History 289 The Age of Ideology, History 290 World War II and its Aftermath, Political Science 203/Studies in Film 205: Topics—Politics in Film, Political Science 242 Conservatism and Liberalism, Political Science 372 Political Thought Since Nietzsche.

The following courses are or may also be appropriate to the major, and may be used to fulfill requirements in one or more of the respective chronological categories, depending on a given year's syllabus, by permission of the respective instructors and the CHP advisers: Classics 222 Topics, History 200 Topics and 209 Topics in Ancient History, History 410 Advanced Seminar, Political Science 298 What Is Political Philosophy?, Political Science 344 Realism and Idealism in Political Philosophy, Political Science 408 Tutorial in Political Theory, Political Science 419 Seminar in Political Philosophy.

### **Theory of History (2 units):**

Students may fulfill the historiographical requirement by completing both Classics 221/History 302 (Invention of History) and any of the following history or political science courses treating the tradition of historical analysis: History 399 Studying History, or Political Science 303 The Uses of the Past, offered as an independent study or summer readings course by Professor Fuller or Neel.

### **Major Seminar:**

The seminar meets regularly throughout the academic year. It may offer presentations by CHP faculty and students or their guests, as well as common readings and discussions. Although the seminar offers no credit, regular participation will be considered part of the major's requirements.

### **Senior Thesis (2 units):**

Declared majors must submit well-developed thesis proposals to the CHP advisory group by the end of the junior year. Their two-block thesis requirement must be completed by Block 7 of the senior year, and may be designated on their transcript by the appropriate course number in the adviser's discipline: Classics 322 or 401, 402, 411, 412 and 431; History 430 and 431; or Political Science 402 and 450.

## **Courses**

### **History**

#### **HY104 Culture, Society & History:**

An introductory survey of human culture and society through the comparison of Europe and one other major area of the world from ancient to the modern period, focusing on fundamental topics in the development of world civilizations, including material culture, political organization, and aesthetics. The course will emphasize critical moments in historical development, thematic connections, and primary textual and visual sources. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 to 2 units

**HY105** Civilization in the West

Western civilization from ancient to modern times. Cultural, social, and political developments that shaped the modern world. The department offers this course in sections designated Europe or Atlantic World. Atlantic World includes the study of the heritage of Western civilization in the Western hemisphere. (Not offered 2020-21).

1 to 2 units

**HY109** Civilization in East Asia

East Asian civilization from ancient to modern times. Cultural, social and political developments that shaped East Asian nations and their place in the modern world. Introduces basics of historical method: contextualization, analysis, and critical evaluation of primary sources and their significance. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 to 2 units

**HY110** Encountering the Past

An introduction to history through the study of a special subject in depth. Emphasis on the ways in which historians find and interpret the materials of the past. For students who do not complete the West in Time requirement in the History Department, a gateway to the History major. Topics designated according to the specialties of the faculty.

1 unit — Adler, Neel, Ragan, Sanchez

**HY115** Survey in Latin American History

Latin American history from pre-Columbian times to the present. Emphasis on colonial Mexico and Peru, the centers of Spanish power in the New World, and the political and social development of post-independence Argentina, Brazil, Chile and Mexico. Introduces historiography and the basics of historical method: contextualization, analysis and critical evaluation of primary sources and their significance. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

2 units

**HY116** Greek History and Philosophy

Aegean and Greek archeological, historical, literary, and philosophical texts, with emphasis on those ideas formative in shaping Western culture. The development and transformations of these ideas as reflected in selected texts from the early Christian era, the Enlightenment or the Modern Age. The rise of individualism and its conflicts with community, ritual relationships to nature vs. separation and exploitation, the relation of theology to the ordering of experience, and how psyche both forms and is formed by its relationships to community, nature, and god(s). (Not offered 2020-21).

1 to 2 units

**HY120** The American Past



Two block course that introduces the full sweep of American History from its pre-contact, 'New World' beginnings to the recent past. Students will experience how history is made, understood, revised, and debated. Themes include cultural encounters and adaptation complexities of ethnicity and immigration; movement; the success and failures of republican ideology, capitalism, individualism and community; and the formation of American cultures. (Not offered 2020-21).

2 units

### **HY131** Civilization in the Middle East

Examines large-scale social structures and the question of 'ordinary' men and women from the seventh century C.E. to the present. Through a range of historical approaches-cultural, intellectual, political and social-and an emphasis on close reading of primary materials, students explore in what ways the histories of Islamic Civilization, Western Civilization, African Civilization, and Central Asian Civilization were connected histories and how people in the Middle East have critiqued their own societies and those of their contemporaries. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 to 2 units

### **HY150** Representations and Realities: Art and History in Europe: Ancient to Modern Art & Culture

This course examines art and cultural history in Europe from Antiquity through to the twentieth century. Taking an interdisciplinary perspective, one which seeks to bring art history and history in critical dialogue with one another, the students and professors will interrogate the meta-narrative of “progress” across time. In many ways, succeeding periods engaged in conversations with their pasts to make claims of domination through pictorial and cultural production. But it is important, too, to examine counter-narratives made by subaltern groups of the various eras, along the critical axes of gender, sexuality, class, ethnicity, race and other markers of identity. Students will be called upon to think systematically about “who” they themselves are in order to engage with the past and explore human similarities, as well as differences, across a long period of time. Thinking systematically about the notion of “critical bias” and the need to analyze the past in its own terms, as well as in ours, will open up avenues to thinking about the present in new ways. We will examine the most important eras of European history, in particular, Ancient Greece and Rome, the Middle Ages and the Renaissance, the early modern period, and the more recent past. (Not offered 2020-21).

2 units

### **HY200** Topics in History:

Selected topics in the study of history. Specific content and emphasis to be determined by the instructor.

1 unit — Adler, Ashley, Flores, Marquez

### **HY205** US History to 1860

Broad approach to the history of American traditions and institutions from Anglo-American

settlement to the outbreak of the Civil War, addressing Native American-Anglo American encounters; colonization and development of Anglo-American culture and society; African Slave Trade and the Plantation Economy; American Revolution; Jeffersonian Ideology and Westward Expansion; Jacksonian Democracy and the Industrial Revolution; the Politics of Slavery and Secession. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Rommel-Ruiz

### **HY206** US History since 1860

Broad approach to the history of the United States since the Civil War, focusing on multiple meanings of American freedom and the rise of the modern United States as a global power, including attention to Emancipation and Reconstruction; Industrialization, Migration, and Immigration; Civil Rights Movements and Protest Politics; the Great Depression, New Deal and WWII; American Foreign Policy and the Cold War; the Great Society, Vietnam, and the Challenge to the New Deal Order. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Adler

### **HY209** Topics in Ancient History:

Detailed study of a period (such as the end of the Roman Republic or Periclean Athens) or a theme (such as slavery or the rise and fall of the middle class) in Greek and/or Roman history.

1 unit — Buxton, Cramer

### **HY210** History of Native America

Introduces students to the history of native peoples primarily in North America. The course includes histories of individual native groups as well as the relationship between American Indians and a variety of Europeans from before contact until the present. Examines a variety of primary and secondary materials to see patterns in the ways that Native Americans have been affected by the process of conquest, the ways in which Anglo-Europeans have responded to Native Americans, and in the ways in which American Indians have become a part of and remained apart from 'mainstream' American culture. As a broader goal, we also look at the way 'history' is made, understood, and used by very different cultural traditions. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **HY211** Crime & Punishment

This course explores the ways the state, church, and the people dealt with crime and viewed justice in Renaissance, early modern, and modern Europe. Attention to topics such as heresy, the witch craze, and treason and to what ordinary and great trials reveal about changing attitudes toward criminal justice. (Not offered 2020-21).

1 unit

### **HY212** American Environmental History

A survey of American history from the perspective of the environment, beginning with the biological and cultural invasion of the New World in 1492 and ending with current environmental problems and their historical roots. Topics include Native American vs. Euro-American views of nature, the impact of changing economic systems on the environment, and the impact of the landscape on various American cultures.

1 unit — Cornelius

### **HY213** Foundations of Classical Culture

Athenian Democracy. The Greeks with Near Eastern and Indo-European background. Panhellenic epic and religion, the polis, philosophy, history, tragedy and comedy. Attention throughout to Greek and Latin literary forms, but no knowledge of ancient languages required. (Not offered 2020-21).

*Prerequisite:* Completion of CP:W required.

1 unit

### **HY216** History of the Roman Republic

Focus on the development of Rome, from a small city ruled by kings, to a regional power ruled under a Republic. The course will trace Rome's expansion through Italy, its conflict with Carthage and will closely examine the end of the Republic. Individuals discussed will include the Gracchi, generals Marius, Sulla, Pompey, Caesar, and Rome's greatest politician (and author) Cicero. (Also listed as Classics 216.)

1 unit — Thakur

### **HY217** American Frontiers

The process of conquering the American continent from 1492 to the present. An examination of the variety of forms that Euro-American conquest took (exploration, religion, economic development, settlement, and military encounter), the impact of conquest on native peoples, the social and economic development of the frontiers, and the lives that people led and lead in places considered frontiers. (Not offered 2020-21).

1 unit

### **HY218** Eastern Europe, Russia, and Eurasia

This two-block course will survey the history of the Eurasian region from Eastern Europe to the Central Asian and Pacific areas of Eurasia, with an important theme being the rise and fall of the Russian Empire, and the rise and fall of the Soviet bloc. The focus throughout will be on the ways in which religious, cultural, and ethnic identities were shaped by, accommodated to, and resisted the construction of national boundaries and identities. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 to 2 units

### **HY219** Modern Russia and the Soviet Union

The Russian Empire, the Soviet Union, and the Soviet successor states in the 20th century.

Topics including the collapse of the Empire during the First World War, the attempted 'building of socialism' in the Soviet period, the crisis of the Soviet system, and how Soviet conceptions of the relation between ethnicity and nationality shaped political and cultural identities before and after 1991. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 to 1.5 units

### **HY221** Africa & Europe to 1919

Traditional African states, Portugal and Africa, the slave trade, European conquest, occupation and administration. The African response to the European presence in terms of social change, the origins of a 'Europeanized' African elite and the beginnings of modern African politics. - Blasenheim,. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

### **HY222** The Emergence of Modern Africa, 1885 to the Present

Africa and the Berlin Conference, primary and secondary resistance to European colonialism, political independence, conflicts between traditional and modern cultural patterns and ideologies, one-party rule and economic dependence. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

### **HY223** China in the Age of Confucius

Examines the origins of Chinese civilization, from the divination rituals of the theocratic Bronze Age Shang Dynasty to the mighty Han. Considers the great religious and philosophical traditions of China's axial age: Confucianism, Daoism, and others vying for influence in China's bloody 'Warring States' period. Students will understand the political, economic, cultural and spiritual patterns that gave shape to classical Chinese civilization. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Williams

### **HY225** 20th Century China

This course will follow the turbulent history and politics of China from the Boxer Rebellion of 1900 through the post-Mao reforms. Using primary documents, personal accounts, and scholarly studies, students will assess China's political and cultural changes and continuities in historical context. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **HY226** 20th Century Japan

This course will trace the social, political, and cultural developments in Japan from the first Parliamentary elections in 1890 to the current fiscal crisis in the 1990s. Using a wide range of sources, students will explore major themes in Japan's empire, World War, economic

miracle, and troubled role as Asian leader. Major themes will include cross-cultural contact, world systems, and women's history. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit

### **HY227** History of the Roman Empire

Focus on how conservative Roman republican ideals were reconciled with an increasingly Hellenized empire dominated by an imperial dynasty. Following a brief survey of prior Roman history, the course will examine the development of the Roman state in the first century AD under the Julio-Claudian emperors. The course will proceed to consider the Empire's evolution and management under subsequent Flavian and Antonine dynasties. The city, its monuments, its art, its literature, bureaucracy and territorial expansion, the role of women, various social and minority groups, and the growth of Christianity will all be discussed.

1 unit — Schroer

### **HY228** The American Colonies, 1492-1763

The English colonies in America, their founding and development within the British Empire. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Rommel-Ruiz

### **HY228** The American Colonies, 1492-1763

The English colonies in America, their founding and development within the British Empire. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Rommel-Ruiz

### **HY229** The American Revolution and the Constitution, 1763-1789

The movement for independence and the corollary movement to restructure politics internally, from the end of the Seven Years' War through the Revolution and Confederation to the adoption of the U. S. Constitution. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **HY230** The Early Republic, 1789-1848

Initial development of the United States under the Constitution through the Virginia dynasty and Jacksonian democracy. Party formation; conflicts in political economy; diplomacy; expansion; social and cultural growth. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

2 units

### **HY231** Civil War and Reconstruction, 1845-1877

The causes, strategies, and impact of the Civil War on the United States. Slavery, sectional

controversy, political crises; civilian and military life during the war; the successes and failures of Reconstruction; the problems of race. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Rommel-Ruiz

### **HY232** The Emergence of Modern America 1919-1942

Cultural expression, and race relations in the aftermath of WWI; changing sexual and racial relations and the anti-modernist response in the 1920s; the Harlem Renaissance; the causes and consequences of the Great Depression and FDR and the New Deal; the coming of WWII. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **HY233** Recent U.S. History, 1943-1973

Domestic politics and political realignments from Truman to Nixon; McCarthyism and the beginnings of the Cold War; covert action and direct intervention in U.S. foreign policy; Civil Rights; Black Power; feminism; and controversies regarding the American family. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **HY234** Contemporary U.S. History

American foreign policy from the 'Vietnam Syndrome' to the end of the Cold War to the invasion of Iraq; Americans and the Islamic world; transformations of the Republican and Democratic Parties and the Office of the President; negotiating race in the post-Civil Rights era; the 'New World Order' and the new immigration; religion, families, and gender and their roles in partisan politics. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Adler

### **HY236** Argentina, Chile, and Uruguay since Independence

Political independence in the 1810s in La Plata and Chile. The impact of immigration, urbanization, modernization, populism, nationalism, militarism and redemocratization. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

### **HY237** History of Brazil, 1500-present

Portuguese colonization, political independence in a neo-colonial economy, the Brazilian Empire, the Republic. The emergence of modern Brazil: populism, corporatism and militarism. The institution of slavery and its legacy. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Marquez

**HY238** Colonial Hispano-America

Spanish conquest and administration in New Spain and Peru, the Catholic Church, internal and external colonial economies, the Bourbon reforms and political independence in the 1820s; class, caste and gender during the colonial period. Meets the Critical Perspectives: Global Cultures requirement.

1 unit

**HY239** History of Mexico

The Aztec and other Indian peoples' influence in Mexican history and thought; Spanish colonial legacy; Enlightenment, Liberal, and Conservative political philosophies; Mexico's relationship to the United States; roles of the Church and of violence from European encounter through Revolution (1910-1921) and into Mexico's current precarious social and political situation. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**HY239** History of Mexico

The Aztec and other Indian peoples' influence in Mexican history and thought; Spanish colonial legacy; Enlightenment, Liberal, and Conservative political philosophies; Mexico's relationship to the United States; roles of the Church and of violence from European encounter through Revolution (1910-1921) and into Mexico's current precarious social and political situation. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**HY240** Foundations of American Constitutionalism and Diplomacy to 1865

Emphasizes the intellectual precursors and historical development of the federal union of 1787 and of early American foreign policy. Considers America before the Civil War as a system of states and explores through debates over the American union and early foreign policy a range of theoretical issues in international relations. (Not offered 2020-21).

1 unit

**HY241** The Emergence of Modern America, 1919-1942

Political liberty, cultural expression, and race relations in the aftermath of WWI; changing sexual and racial relations and the anti-modernist response in the 1920s; the Harlem Renaissance; the causes and consequences of the Great Depression and FDR and the New Deal; the coming of World War II. (Not offered 2020-21).

*Prerequisite:* No prerequisite for History majors.

1 unit

**HY243** Slavery and Antislavery Movements to 1860

African cultural backgrounds, African slavery in colonial British America and the U. S. to 1860; free Black people from 1790 to 1860 and antislavery movements. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **HY244** Black People in the US since the Civil War

S. since the Civil War. Black Reconstruction; Black urban settlement; literary and artistic movements in the 1920s; civil rights struggles; recent social and political expressions. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Ratchford, Rommel-Ruiz

### **HY248** History of Korea

A thematic survey of Korean history from the earliest times to the present covering social, cultural and political developments from the Three Kingdoms period through the Silla unification, Koryo and Choson dynasties to the modern era. Special emphasis on the twentieth century. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **HY249** Women, Children & Men: Families in Historical Perspective

This course treats gender roles and family life throughout the European past, with comparative attention to families of other historical cultures and to relationships within non-human primate communities. It emphasizes the historical agency of women and children generally elided from traditional master narratives of Western Civilization, demonstrating how feminist and ethnohistorical approaches can reveal their experience. Course materials will include historiographical and anthropological literature as well as primary documents, literary works and visual sources. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Neel

### **HY252** Magic, Science, and Religion in the Mediterranean

How have science and religion come to be seen as such different enterprises? What role has the charge of 'magic' played in setting boundaries between communities as they sought to understand both the workings of the natural world and spiritual revelation? This course examines the intertwined histories of what we now call magic, science, and religion, through Babylonian, Hebrew, Greek, Arabic, and Latin sources, from the ancient through the early modern periods. (Not offered 2020-21).

1 unit

### **HY255** Nature & Society

The course examines the interaction between Europeans and the natural world from the Renaissance to the present. It looks at how nature shaped the ways Europeans lived and worked and how, in turn, they thought about and behaved toward nature. In particular, it



explores the impact of the Scientific Revolution, industrialization, and mass culture on the changing interplay between nature, society, and culture. (Not offered 2020-21).

1 unit

### **HY256** Education in the West

Educational institutions and their relationship to society from the Renaissance to the present. The rise of mass education and its impact on the structure and purpose of the educational system. (Not offered 2020-21).

1 unit

### **HY261** Formation of Islamic Societies

Development of an Islamic world through formation of key institutions of Islamic urban life, the changing relationships of tribal and agrarian societies to urban society, and the differentiation of public and private space. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Murphy

### **HY262** The Modern Middle East: Freedoms and Authorities

Analysis of the variety of lived experiences and questions of freedom and authority in everyday life in the Middle East. Attention to the impact of modernity on gender roles and social order in the Middle East. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **HY267** The Southwest under Spain and Mexico

The pre-contact history of Anasazi and Athabascan peoples from anthropological and mythological perspectives; the causes and consequences of the Spanish entrada and attempts at missionization of the Indian peoples of New Mexico and the California coast; development of mestizo society; the arrival of the Anglo-Americans and the Mexican-American War. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **HY268** The Southwest since the Mexican War

The adaptation of Native American and Hispanic peoples to Anglo-American culture and politics; the causes and consequences of the loss of Hispanic lands; the evolution of family life and religious practices; indigenous views of modernity. Films, artistic expression, and works of fiction as well as historical sources. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **HY269** The Old South: Settlement, Slavery, Secession

Explores key themes in Southern history from colonial settlement through the American Civil War. Examines the distinctiveness of the American South, and how Southern life was shaped by slavery, particularly in the ways the plantation economy informed Southern political culture, gender and race relations. Other important issues include: Anglo-American encounters with Native Americans, the Great Awakening, the American Revolution, Jeffersonian republicanism, the War of 1812, the Mexican-American War, and the rise of Southern nationalism. (Not offered 2020-21).

1 unit

**HY270** The New South: Modernity,

(Not offered 2020-21).

1 unit

**HY274** The Medieval Imaginary

Exploration of Europeans' expressions of identity and community from the close of Mediterranean antiquity to the Black Death of the fourteenth century. Consideration of literary texts, social organization, and ritual practices, with emphasis on Christian Europe as continually self-defining against its pagan and Muslim frontiers.

1 unit — Neel

**HY275** The Renaissance and the Reformation: Crisis and Dissent

Scientific, religious and artistic achievements of the 14th, 15th and 16th centuries. (Not offered 2020-21).

1 unit

**HY277** Europe in an Age of Absolutism

The birth of the modern state and the creation of modern society. From the end of the sixteenth-century Reformation and the religious wars through the crisis of the seventeenth century, as well as the making of the constitutional order in England and the absolutist state in France. Political, social, and cultural perspectives. (Not offered 2020-21).

1 unit

**HY278** Europe in the Age of Revolution: 1789-1870

Causes and the social and political effects of the French Revolution, the Revolutions of 1848, and the Industrial Revolution. Particular attention to the process of revolutionary change and to political movements including liberalism, Marxism, and nationalism. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**HY283** The Jews in the Modern Europe

The Jews of Poland, Western Europe, and the Islamic world during the 17th century. The Impact of Enlightenment and Assimilation. Hassidism and reform. Anti-Semitism, Zionism,

and the American experience. World War I and its consequences: the changing Middle Eastern framework, Communism, Nazism. Israel, and its neighbors, and the world. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

### **HY286** War and Society since the Middle Ages

The experience of war in Western contexts compared to other major military cultures. Administrative, technical, and ideological contexts of war's evolution as the ultimate test of the cohesion of societies and the viability of nations. (Not offered 2020-21).

1 to 2 units

### **HY287** Enlightenment Culture

The course analyzes the origins of 'modernity' in the seventeenth and eighteenth centuries. Beginning with the Scientific Revolution, it then looks at the social and political environment that made the 'Republic of Letters' possible. A wide variety of primary-source texts, including social and political criticism, novels and poetry, painting and sculpture, will be examined.

1 unit — Ragan

### **HY288** European Intellectual History

Changes in European thought from the early modern to the modern periods examined through the works of representative writers, philosophers, political theorists, scientists and artists (including Locke, Galileo, Hegel, Marx, Darwin, Nietzsche, Freud, Sartre, Foucault, and others). The relationships between these changes and social developments. (Not offered 2020-21).

1 to 2 units

### **HY289** The Age of Ideology, 1870-1939

The “revolt against reason.” The effects of World War I and the Great Depression on society and politics. Analysis of the appeal of Bolshevism and Fascism. Particular attention to Mussolini and Hitler’s successful challenge to liberal governments and to the Spanish Civil War. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **HY290** World War II and Its Aftermath in Europe, 1939-2000

World War II and Its Aftermath in Europe, 1939-2000. The outbreak, course, and the effects of the War, including the advent of Communism in eastern Europe, European integration, and the 'economic miracle' in western Europe. The emergence of consumer society, the spread of popular culture, and the development of mass education. Attention to the challenges of decolonization and immigration Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**HY302** The Invention of History

Herodotus, sometimes called the 'father of lies,' and Thucydides, sometimes called the first political scientist, treated as the first historians. Study of the ways of conceiving history and its relation to the peoples and periods explored. No Greek or Latin required.

1 unit — Buxton

**HY303** The Uses of the Past: Studies in Philosophy and History

Critical issues in the philosophy of history and historical methodology as seen from the standpoint of the historian and the philosopher. (Offered by individual arrangement.) (Not offered 2020-21).

.5 to 1 unit

**HY304** Advanced Topics in History:

Selected topics in the history of one or more world regions. Thematic concentration determined by the instructor.

1 unit — Mehta, Ratchford, Williams

**HY307** History of Sex: Traditions

Analysis of sexual roles and sexual practices in the world before the concept of 'sexual identity' emerged in the late nineteenth century. Examination of how different religious traditions such as Judaism, Islam, Hinduism, Christianity, and Buddhism have viewed sex, and exploration of a wide variety of topics including pornography, prostitution, and same-sex sexual behavior throughout the pre-modern world. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Ragan

**HY308** History of Sex: Modernity

After examination of the birth of 'sexuality' in late nineteenth-century Europe, exploration of the acceptance of and resistance to this new conceptual model throughout the world. Attention to heterosexuality and homosexuality, intersexuality, and 'perversion,' concluding with analysis of the contemporary cultural wars over sexuality in Africa, Asia, Europe, and South America. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Ragan

**HY312** Crusade and Reform in Europe's Long Twelfth Century

Social, intellectual, and spiritual ferment between the Investiture Contest of the 1170s and the death of Francis of Assisi in 1226, with special attention to ideology of expansionism in the eastern Mediterranean and diversity of belief within Latin Christendom. Readings in primary sources for military action in the Middle East, pogroms in the Rhineland, saints' lives, and persecution of heretical groups, as well as major recent works of historical criticism. (Not offered 2020-21).

1 unit

**HY315** Film and History

Examines the representation of history in film. It compares a series of films to major themes and issues in the historiographical literature and raises questions about the ways films should adhere to the academic standards of the historical discipline. Students will read significant debates among cinematic and academic historians and explore the possibilities and limitations of cinematic presentations of history. (Not offered 2020-21).

1 unit

**HY316** History & Literature

An examination of the relationships, both similarities and differences, of history and literature. Using selected theoretical texts from Aristotle to the present, traditional narrative historical texts, experimental histories, fictions based on imagined thoughts and actions of historical figures, and comparisons of historical/biographical texts and historical novels, the course explores the different and/or similar purposes and functions of historical writing and literary writing, and the truth claims of each as forms of narrative and knowledge. In addition, we will read history literally and literature historically in order to interrogate the uses and limitations of both forms of writing. (Not offered 2020-21).

1 unit

**HY330** Colloquium in History and Political Science

A junior seminar organized around comparative analysis of a common theme or topic, employing both historical and political science approaches to analysis and research. Designed principally for History/Political Science majors, but others may be admitted with consent of instructors.

*Prerequisite:* HY/PS Major or consent of instructor.

1 unit — Sorace, Williams

**HY344** Modern France and Italy: Fascism, War and Resistance

An examination of the effect of total war, extremism, and economic crisis on politics and society, with special attention to fascism, the resistance, post World War II revival, and to cultural movements such as the avant-garde, futurism, and existentialism. (Not offered 2020-21).

1 unit

**HY362** The Civil War and Reconstruction, 1845-1877

The causes, strategies, and impact of the Civil War on the United States. Slavery; sectional controversy; political crises; civilian and military life during the war; the successes and failures of Reconstruction; the problems of race. (Not offered 2020-21).

1 unit

**HY384** Cultural and Social History of China

Chinese ways of life and thought and the interaction of local social patterns with government and elite ideals. Focuses on the last great dynasty, the Qing. With Emphasis on Writing. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**HY393** Germany, 1914-1945: The Crisis Years

Formation of the new nation that Hitler said in 1933 the world would not recognize. Germany's catalysis of European and world transformations, as well as its institution of dictatorship and genocide at home. Political, economic, social/cultural, intellectual, and military aspects of German experience. (Not offered 2020-21).

1 unit

**HY399** Junior Seminar: Studying History

An examination of traditional and new methods of studying the past and an exploration of the debate over the nature and the meaning of history. Designed primarily for history majors, but others may be admitted with the consent of the department.

*Prerequisite:* consent of instructor & Junior standing.

1 unit — Marquez, Mehta, Sanchez, Smith

**HY406** Research Workshop

Students learn how to develop a research topic, advanced library and primary document research, and historical research design and organization. Students meet regularly to discuss their work in progress. Usually, a central text is also discussed throughout the semester. (Semester-long extended format course.) (Not offered 2020-21).

*Prerequisite:* consent of instructor & Declared Major.

.5 unit

**HY409** Directed Readings in History:

*Prerequisite:* consent of instructor & 3 units of History.

1 unit — Mehta, Rommel-Ruiz

**HY410** Senior Seminar

An advanced seminar on selected topics and themes in historical study.

*Prerequisite:* History 399, consent of instructor and senior standing.

1 unit — Neel

**HY420** Senior Essay

Independent, primary source research. Particular content and emphasis of the paper to be determined in consultation with supervising professor. To be taken in the block immediately following HY 410.

*Prerequisite:* History 399 and 410 consent of instructor, senior standing.

1 unit — Neel

### **HY424** History-Political Science Thesis

An interdisciplinary, primary source-based thesis on a subject of interest to the student. Independent study format with regular consultation between the student and the faculty supervisors.

*Prerequisite:* Consent of both departments.

2 units

### **HY425** History-Philosophy Thesis

An interdisciplinary, primary-source based thesis on a subject of interest to the student and approved by two faculty supervisors, one in Philosophy and one in History. Independent study format with regular consultation between the student and the faculty supervisors.

*Prerequisite:* Consent of both faculty supervisors and registration in Philosophy 425 in the same academic year. Both courses must be completed at some point during blocks 1-6 or the senior year.

1 unit — Ragan

### **HY430** Senior Thesis

*Prerequisite:* 399, 410, consent of instructor, senior standing.

1 unit

### **HY431** Senior Thesis

Directed reading and preparation of a thesis.

*Prerequisite:* 399, consent of instructor, senior standing.

1 unit

### **HY500** American History: American Cinema

(Summer only 2020-21).

1 unit

## **Political Science**

### **PS101** What is Politics? Examines enduring themes in political life

Questions explored include the balance between state authority and individual liberty; analogies between the exercise of power in government and other areas of human life; the nature of ethical judgment in governance; and the varying ways in which constitutional regimes give expression to and tame the exercise of power. (Formerly 201 Political Analysis.) (Cannot be taken after 103.) (Not offered 2020-21).

*Prerequisite:* No credit after 103.

1 unit

### **PS102** Freedom and Empire: The Drama of Ancient Politics

This course examines the gripping drama of ancient Roman politics, from the struggle for freedom to the temptations of empire, as it is notoriously described by Machiavelli in “The Prince,” and vividly portrayed in Shakespeare’s Roman plays. (Summer only 2020-21).

*Prerequisite:* Pre college course.

.25 to 1 unit

### **PS200** United States Politics and Government

The structure and process of United States national politics and government. Special attention to the ideas and values, institutions, and political processes that shape contemporary public policies in this country. 1 unit.

1 unit — Derdzinski, Edlin, Wolfe

### **PS203** Topics in Politics:

.5 or 1 unit — Chandrani, Derdzinski, Foerster, Hansbury

### **PS205** Foundations of Political Economy

Examines enduring themes of Political Economy with a focus on the balance between individual liberty, state authority, regulation of economic activity and the relation of the polity to economy. (Not offered 2020-21).

1 unit

### **PS209** Introduction to International Relations

Introduction to the theory and practice of the contemporary state system. Emphasis on the last hundred years of inter-state rivalry.

*Prerequisite:* Either 209 or 225 can be counted towards the PS and IPE majors, but not both.

1 unit — Derdzinski

### **PS210** The Law & Social Justice

Analysis of significant and controversial Supreme Court decisions on issues such as racism and the legacy of slavery, school desegregation, affirmative action, gender discrimination, sexual harassment, the right to an abortion, criminal law, freedom of speech, and the



separation of church and state. (Not offered 2020-21).

1 unit

**PS211** Women, Government and Public Policy

Examines the relationship between women, government, and public policy -- with the primary goal of understanding how politics is gendered. Topics include the 'waves' of feminism, how female lawmakers navigate the electoral and legislative arenas, and the role of gender in public policy. (Not offered 2020-21).

1 unit

**PS213** Leadership and Governance

Introduction to models and theories of leadership. Analysis of skills, styles and abilities that are frequently associated with effective leadership in political and organizational settings. Analysis of the paradoxes of leadership and the tensions among leadership, democracy, and creativity. (Not offered 2020-21).

1 unit

**PS220** Socrates

Famously condemned by democratic Athens as an impious and immoral corrupter of the young, Socrates has subsequently become a kind of hero of intellectual freedom. Yet Socrates's radical pursuit of self-knowledge, his claim that 'the unexamined life is not worth living for a human being' has also continuously provoked profound philosophical debates. What does it mean to live an "examined life"? Why is self-knowledge the most important kind of knowledge? Does progress in Socratic self-knowledge help to strengthen – can it even comport with – our heartfelt commitments to moral, religious, and political progress? In this course, we begin to explore Socrates' enigmatic life and teachings through accounts given of him by Plato and Xenophon, as well as through the many different and thoughtful judgments made of him through the ages - from Aristophanes and Aristotle to Rousseau, Nietzsche, Kierkegaard, and beyond. .5 or 1 unit.

1 unit — Grace

**PS222** Just War Theory

The course investigates the origins and development of theories justifying, and also seeking to limit, resort to war and conduct in war. The readings include ancient and modern formulations of what came to be known as the principles of justifying war, which have also gained recognition in international law. This includes consideration of the changing historical circumstances in which the principles are to be interpreted and applied to the use of force especially in relation to the issues of our time such as nuclear weapons and terrorism.

1 unit — Fuller

**PS225** Conduct of U.S. Foreign Policy

Ideas and Institutions which condition the formulation and execution of the nation's foreign

policy.

*Prerequisite:* Either 209 or 225 can be counted towards the PS and IPE majors, but not both.

1 unit — Gould

### **PS226** Gender & Politics

Examines the following questions: Are there politically relevant differences between the sexes, and if so, are they the product of nature and/or convention? What is/ought to be the relation between the political community and private attachments? How has liberalism answered these questions? How does consideration of gender challenge liberal theories such as contract, individual rights, and human nature? Readings in both political theory and in feminist literature.

1 unit — Grace

### **PS230** Waging Nonviolent Conflict

An investigation into the strengths and limitations of nonviolent conflict in bringing social and political change. After a week investigating social movement theory drawing from several disciplines, students participate in a workshop in which they envision, organize and strategically guide a virtual nonviolent social movement. Class requires substantial engagement in class and group projects and a final exam.

1 unit — Gould

### **PS231** Political Campaigning

Student internships in primary and general elections. Post-campaign written analysis required. (Offered as an independent study.)

*Prerequisite:* consent of instructor & may be arranged any block.

1 unit — Wolfe

### **PS233** Governmental Participation

Directed internships in national, state and local government agencies. Written analysis of the work experience required. (Offered as an independent study.)

*Prerequisite:* consent of instructor & may be arranged any block.

.5 to 1 unit

### **PS234** Freedom and Empire: The Drama of Ancient Politics

Examines ancient politics, from the struggle for freedom to the temptations of empire, insofar as it is vividly portrayed in Shakespeare and the classical literature of Greece and Rome: the greatness, challenges and defects of the ancient republic; the nature of political and military ambition; and the causes and character of empire. Focus/possible works: Shakespeare's Roman plays; the Socratic Xenophon's novel on the rise and rule of Cyrus the Great; Tacitus on Roman emperors. The course may also draw upon Machiavelli on Rome. (Not offered 2020-21).

1 unit

**PS235** Shakespeare's Political Wisdom

This course will explore Shakespeare's dramas as political philosophy. In his plays, Shakespeare often immerses the audience in richly detailed political situations that give rise to profound political and moral dilemmas which human beings continue to confront to this day. The class will pursue the moral and political education that thoughtful and prudent political men and women had for generations found in so many of Shakespeare's dramas.

1 unit — Grace

**PS236** Introduction to Comparative Politics

This course introduces the concepts, definitions, theories and scholarly approaches used to study comparative politics with reference to selected case studies in different regions of the world. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Derdzinski, Fenner, Lindau, Sorace

**PS237** The Art of Insurgency: Performance and Political Order

Investigates the arts' relation to narratives of power--those stories that justify why certain structures dominate, and why alternatives do not. An examination into those arts that expose these narratives, reveal silenced alternatives, and present challenger stories that aspire to power themselves. Includes two weeks of study in Serbia and Bosnia. Course fee/Passport and Visa, where needed. Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* Includes two weeks of study in Serbia and Bosnia. Course fee/Passport and Visa, where needed.

1 unit — Gould, Womack

**PS242** Conservatism & Liberalism

Examination of leading conservative and liberal thinkers in America since 1945.

1 unit — Fuller

**PS246** Politics in Literature

Reading and discussion of classic and contemporary works of fiction and drama known both for their literary merit and for their insight into politics. (Not offered 2020-21).

1 unit

**PS253** Introduction to International Development

Drawing on politics, economics, sociology and anthropology, this course critically examines the First World's relations with the Third World through the lens of 'development.' (Not offered 2020-21).

1 unit

**PS270** Liberty & Equality

Explores the question whether there is a fundamental justification for democratic rule by analyzing diverse defenses and critiques of the claims that democracy is founded on the truth of human equality and best provides for individual liberty. (Not offered 2020-21).

1 unit

**PS272** Cities, Sustainability, and Environmental Justice

Examines the relationship between cities, nature, and inequality with a particular emphasis on the political and political-economic contexts in which U.S. cities are striving to become more socially just and environmentally sustainable. Examines issues including environmental racism, food justice, transportation equity, green space, and climate justice in order to analyze the limitations and possibilities of cities as sites of creating sustainability with justice.

1 unit — McKendry

**PS274** Environmental Politics and Policy

Considers environmental politics and policy in the United States from the early twentieth century through the present. Examines environmental policies at the federal level, their effectiveness and limitations in protecting the environment, and the major policy debates that have surrounded them. Investigates the role of other key actors in shaping environmental governance, including environmental organizations, industry, and state and local governments (Not offered 2020-21).

*Prerequisite:* Environmental Program 141 or Political Science 200 recommended. EV Policy majors and EV Integrated Science majors can count this course or Environmental Program 271 toward the major, but not both.

1 unit

**PS276** Syria in Revolution and War

This course explores how Syria's peaceful 2011 uprising transformed into a bloody international war. Key themes include authoritarianism, mass mobilization, sectarianism, militarization, proxy conflicts, and the power of political ideology. Note: the materials for this course include a significant amount of graphic imagery.

1 unit — Fenner

**PS281** Independent Study

Independent Study, readings on special topics for non-majors or students with little or no previous political science coursework.

1 unit

**PS290** Introduction to Political Philosophy

Investigates the foundation and aims of political rule as well as fundamental debates over the

meaning of justice, liberty, power, authority, law and rights through an examination of basic but competing perspectives drawn from ancient, medieval, and modern texts. Thinkers include, but are not limited to, Aristotle, Aquinas, Machiavelli, and Locke. (Also offered as a CC120 course.)

*Prerequisite:* Meets AP:A if taken immediately before Political Science 101.

1 unit — Fuller, Grace

### **PS292** American Political Thought

An examination of the political theory of the American founding and its relevance to contemporary political problems.

1 unit — Fuller

### **PS298** What is Political Philosophy?

Among the fundamental questions to be raised: How does the perspective of a political philosopher differ from that of an experienced practitioner of politics? What - if anything - makes for a philosophical approach to politics, and what accounts for the differences in approaches and conclusions among various political philosophies? Why have philosophers turned their attention to politics, and why is it the case that, for some political philosophers, a concern for affecting political practice is not the primary interest, nor even a goal, while for others it is? (Not offered 2020-21).

1 unit

### **PS301** Europe and its Governments:

A comparative study of the political systems and political cultures of selected European countries with consideration of the history and prospects of European Union. (Not offered 2020-21).

1 unit

### **PS303** The Uses of the Past

Examination of modern philosophies of history since Hegel. Taught as an independent study, extended format or Summer Readings course in accordance with student schedules by arrangement with the instructor. Also fulfills a requirement in the Classics-History-Political Science major. COI.

.5 to 1 unit

### **PS304** Political Psychology

An overview of the interdisciplinary field of political psychology. Questions include: 1) Why do people engage in 'evil' behavior; 2) Why is there intergroup conflict; 3) How does the media alter political attitudes; and 4) Why do people make 'irrational' political decisions? To answer these questions we will engage the situationist - dispositionist debate which shapes political behavior more, the situations in which individuals find themselves, or the psychological dispositions of those individuals?

1 unit — Wolfe

**PS305** Marxist Political Economy and the Crisis of Capitalism

'Someone once said it is easier to imagine the end of the world than to imagine the end of capitalism.' (Fredric Jameson) This class examines Marx's diagnosis of capitalist political economy and imagines the end of capitalism from a Marxist perspective. We will also engage Marxist, post-Marxist, and neo-communist thinkers, such as Lenin, Gramsci, Althusser, David Harvey, Slavoj, Žižek, Jodi Dean, and others. (Not offered 2020-21).

1 unit

**PS306** Democracy & Markets

A comparative examination of the introduction of democracy and markets in Latin America, Africa, Eastern Europe, and Asia, featuring an analysis of how the contemporary package of neo-liberal policies known as 'the Washington consensus' interacts with political institutions. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Gould

**PS308** Comparative Politics: Russia

The roots, rise, maturity, and collapse of Soviet Leninism. Addresses implications of the Soviet legacy and contemporary conditions of the post-Soviet political order in Russia and other successor states of the Soviet Union. (Not offered 2020-21).

1 unit

**PS309** Origins of the Modern State System

Examines the development of international thought from the Renaissance to the Scottish, French, and American Enlightenments. How the modern thinkers saw antiquity, and how their thought is relevant to contemporary trends and debates, are key themes. (Not offered 2020-21).

1 to 2 units

**PS310** Conduct of Chinese Foreign Policy

How does the Chinese government see the world? How does China's domestic political concerns shape their actions on the global stage? How does the U.S. government see China? In what ways, do China and the U.S. misunderstand each other? This class examines key policy issues in Chinese foreign policy, and debates over the meaning of contemporary events, as artifacts of different world-views and understandings of power. (Not offered 2020-21).

1 unit

**PS312** Balkan Politics

Focuses on Yugoslavia's disintegration in the 1990's and the subsequent international response. Evaluates theories developed in the fields of international relations and

comparative politics that purport to explain events. Places specific focus on the interaction of identity and political institutions. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

.5 to 1 unit

**PS313** Comparative Politics: The Middle East and North Africa

Traces major themes and developments in MENA politics through the 20th and 21st centuries, with an emphasis on better understanding contemporary events. This course takes seriously the complexity of Middle East politics, engaging with both social scientific theory and lived experience. Topics explored include authoritarianism, state capacity, ethnic and sectarian politics, ideology, and nationalism, approached through case studies, art, fiction, and film. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Fenner

**PS314** International Politics of the Middle East and North Africa

The re-emergence of the Middle East as a regional subsystem in the 20th Century. The role of foreign powers, the rise and decline of Arabism, the Israeli-Palestinian conflict, wars in the Gulf, and the impact of the Islamist movements since 1967. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**PS315** Elections

This course considers current elections, with a focus on presidential and congressional races. We will pay particular attention to voting behavior, political parties, and elite messaging.

1 unit — Wolfe

**PS317** The American Founding

Examines the main characters, events, and ideas of the era of revolution and constitution building. Focuses on the debates over the Federal Constitution and the diplomacy of the early republic. Considers changing views of the Constitution's significance over time. Also listed as History 240. (Not offered 2020-21).

.5 to 2 units

**PS318** The American Presidency

Examines and evaluates the institution, the politics and policy impact of the American presidency with special emphasis on theories, models and strategies of presidential leadership. (Not offered 2020-21).

1 to 2 units

**PS319** Ideology in the United States

This course uncovers the paradox of ideology in the United States: while Americans, on

average, prefer to call themselves 'conservatives,' they hold mostly liberal policy preferences on cultural and economic matters. By evaluating ideology at both the macro and micro level, this course considers the myriad of forces that shape ideological identification.  
1 unit

1 unit — Coggins

**PS320** The United States Congress

Structure and operation of the United States House of Representatives and the United States Senate. Emphasis on political organization, the committee system, lobby groups, roll-call analysis, and congressional relations with the executive and the bureaucracy. (Not offered 2020-21).

1 unit

**PS321** Public Policymaking

Forces shaping public policies and decisions; internal politics of the national bureaucracy, the Presidency and Congress. Applies theories of policymaking to such cases as the environment, race and military affairs.

1 unit — Coggins

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Forces shaping public policies and decisions; internal politics of the national bureaucracy, the Presidency and Congress. Applies theories of policymaking to such cases as the environment, race and military affairs.

1 unit — Coggins

**PS322** The Judiciary

This course examines the function of the courts in the United States as legal and governmental institutions, focusing primarily but not exclusively on the federal judiciary. It begins with the historical development of the trial courts and the adversarial system, and then considers the organization and function of the federal circuit courts and the Supreme Court of the United States. It concludes with an examination of legal reasoning, including the significance of legal sources, the doctrine of precedent, analogical reasoning, and the method and purpose of judicial decision-making. Some of the questions addressed during the course include: Are trials a search for truth? Should courts be concerned primarily with resolving legal disputes or creating legal rules? Are federal judges insulated from political motivations and influences? Is the Supreme Court a legal institution or a political institution? Why do judges follow precedent? What is the relationship between judges and justice?

1 unit — Edlin

**PS325** The American Century

A study of the world involvement of the United States from World War I to the present. Examines themes of rise and decline; isolation and intervention; union and empire; military



industrial complex and national security state; domestic influences on foreign policy.

1 unit — Hendrickson

### **PS326** Race and the Judicial Process

This course explores the role of the courts in the experience of racial minorities in the United States. Primarily, but not exclusively, the course examines the courts' impact on African Americans. Where race is concerned, the courts have figured prominently in some of America's proudest and most shameful moments. Slavery, segregation, affirmative action, political representation, and the criminal justice system are some of the topics addressed. The course considers some of the ways in which certain legal, political and policy debates are defined, informed and constrained by the historical arc of racial inequities in American law and politics. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **PS328** Philosophy of Law

This course studies the theory of law. It examines fundamental and recurring subjects of the field, including principally the relationship between law and morality, along with further links between law and justice, power and authority. Some of the questions addressed include: Must valid laws possess some moral value? Are laws the commands of the powerful, or the rules of self-government, or something else? Does law have any legitimate claim to obedience? What is the justification for legal punishment? Students will read the work of canonical and contemporary legal theorists including Austin, Hart, Aquinas, Finnis, Dworkin, MacKinnon, and others. The course also involves applying these theoretical writings to concrete legal disputes and debates, primarily through analysis of constitutional provisions, judicial decisions and legislation.

1 unit — Edlin

### **PS329** Secrecy Surveillance and Democracy

This course explores the impacts of secrecy and surveillance on the exercise of democracy. How do secrets affect the governed and the state? How does surveillance affect the watcher and the watched? Is informed consent possible in a national security state? Who defines national security? Who benefits from the definition? How are civil rights safeguarded, and how is privacy redefined? How do secrecy and surveillance, in the digital age influence the practice of journalism and the exercise of citizenship?

1 unit — Alters, Lindau

### **PS330** Colloquium in History and Political Science

A seminar organized around comparative analysis of a common theme or topic, employing both historical and political science approaches to analysis and research. Designed principally for History/Political Science majors, but others may be admitted with consent of instructor.

*Prerequisite:* HY/PS major or consent of instructor.

1 unit — Sorace, Williams

**PS331** Comparative Politics: China

This course provides an introduction into China's domestic politics and the challenges faced by its political system. How does the Communist Party rule? What are its sources of authority and power? How do China's Maoist legacies influence its present governance strategies? How is Chinese society shaped by China's political system, and how is the political system shaped by social changes and pressures? Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Sorace

**PS332** Comparative Law

This course explores most of the major legal traditions of the world. It considers the concepts, functions and methods of comparative legal study. In doing so, it examines broad and specific distinctions between the common law and civil law traditions, with special emphasis on two common law systems (the United States and the United Kingdom) and two civil law systems (France and Germany). It then explores the EU legal system as an amalgam of these two traditions. This course addresses the relationship between legal systems and legal cultures, the challenge of understanding the mechanisms through which different legal traditions attempt to achieve the sometimes competing political, legal and social goals of order and justice, and it evaluates the purposes that constitutions and courts perform in maintaining the rule of law. (Not offered 2020-21).

1 unit

**PS333** The European Union

Students acquire the historical background and analytical tools necessary to understand the European Union. Covers EU history, institutions, and contemporary policies. (Not offered 2020-21).

1 unit

**PS334** The U.S. Environmental Movement

This course examines the politics of environmentalism and environmental activism in the United States. It focuses on the development and transformation of environmentalism as a social movement from its roots in the preservationists of the late 19th century, through the emergence of the modern environmental movement in the mid-twentieth century, up to through the challenges environmentalism has faced from across the political spectrum in the past thirty years. It also examines the principal debates that have divided the environmental movement itself, including the debate between conservationism and reservationism, the relationship between wilderness protection and environmental justice, and debates about the efficacy of the movement's traditional focus on state regulation. Finally, the course investigates the successes and failures of the environmental movement and the challenges and opportunities that mark environmental politics today (Not offered 2020-21).

*Prerequisite:* Political Science 200 or Environmental Program 271 recommended.

1 unit

**PS335** Comparative Politics of Latin America

An overview of theories of political change and a comparative analysis of the politics of Argentina, Brazil and Chile. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Lindau

**PS336** The Cuban Revolution

This course examines theories of revolution through the lens of the Cuban experience. Special focus on the evolution of the Cuban regime and the evaluation of its performance. Additional topics include the analysis of U.S. policy toward the Castro government. Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* Political Science 335 or consent of instructor.

1 unit — Lindau

**PS337** Power and Everyday Life

How do the spaces in which people live and work shape their identities? How do strategies of agency and resistance interact with contexts of domination? Students will obtain training in ethnographic methods and interviewing techniques. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**PS338** Language and Power

In the words of George Orwell, 'political language is designed to make lies sound truthful and murder respectable.' This course examines different uses of language in political life. Why is speaking political? How does language frame reality? We will study cases of political language, including: political discourse of the Third Reich in Nazi Germany, Communist-era propaganda in the Soviet Union, the tweets of President Trump, and more. (Not offered 2020-21).

1 unit

**PS339** The Politics of Sub-Saharan Africa

Africa's diverse social and geographic landscape offers rich intellectual opportunities for the student of politics. This course broadly seeks two goals: to teach as much information as possible about Africa's politics and to provide a continent-wide theoretical framework. This course satisfies the comparative politics requirement for the Political Science major (Not offered 2020-21).

1 unit

**PS342** Intervention, the Drug War and Human Migration: The U.S.-Latin American Relationship

The U.S.-Latin American Relationship: Explores the evolution of the U.S.- Latin American relationship over the last century. Focuses primarily on overt and covert intervention; the genesis and evolution of the drug war; and, the impacts of human migration. Meets the

Critical Perspectives: Social Inequality requirement.

1 unit — Lindau

**PS344** Realism and Idealism in Political Philosophy

We will reconsider the commonly used terms 'idealism' and 'realism,' 'theory' and 'practice' in light of prominent works of political philosophy that are devoted to the study of human aspirations to peace and justice in both domestic and international politics. Through an attentive reading of Machiavelli's infamous work *The Prince* (and selected readings) we will consider how a philosophical or radical realism can give birth to a daring venture, both ruthless and humane, to revolutionize both political thought and practice. Then, by way of a careful interpretation of Plato's *Republic*, we will consider how philosophical engagement with political 'idealism' can give rise to a kind of thoroughgoing realism, and a complete transformation of our moral and political aspirations.

1 unit

**PS348** Conduct of Russian Foreign Policy

Investigates competing narratives explaining Russia's patterns of conflict and cooperation with the West. An in-depth empirical study of the historical record enables students to develop an informed, critical analysis of Russian foreign policy. (Not offered 2020-21).

1 unit

**PS350** Theories of the Contemporary International Politics.

Surveys contending theories of the contemporary global system, with attention to topics such as globalization, U.S. hegemony, regional conflict, the just war, and the environment. (Not offered 2020-21).

*Prerequisite:* Political Science 209, 225 or consent of instructor.

1 unit

**PS355** Authoritarianism

The vast majority of humans throughout history have lived in undemocratic regimes. What is authoritarianism? How do we define and identify authoritarian regimes? How do they work, and under what circumstances do they collapse? Through case studies, fiction, memoir, and theory, this course explores authoritarian politics at both macro and micro levels.

1 unit — Fenner

**PS356** Global Environmental Policy

An interdisciplinary analysis of environmental policy formulation and regulation at the international level. Examines the negative impact of human activity upon complex ecosystems and the 'global commons,' and analyses the efficacy of international regimes, such as the Kyoto Protocol. Debates the linkages between environmental change, prosperity, and conceptualizations of security. Meets the Critical Perspectives: Social Inequality

requirement. (Not offered 2020-21).

1 unit

### **PS366** Politics of Global Health

Analyzes the relationship between domains of public health, global governance and international development. Examines how health, effective governance and poverty alleviation combine to create virtuous spirals that accelerate trajectories of international development. Examines the relationship between health and human rights and effect of health on international security. (Not offered 2020-21).

*Prerequisite:* Political Science 209 or Political Science 225.

1 unit

### **PS371** Political Thought from Kant to Nietzsche

Examination of works fundamental to the development of modern political philosophy, including Kant, Hegel, Marx, Mill and Nietzsche.

1 unit — Fuller

### **PS372** Political Thought Since Nietzsche

Reading of major essays in political thought from Nietzsche to the present including such thinkers as Hannah Arendt, Friedrich Hayek, Pierre Manent, Michael Oakeshott, Leo Strauss and Eric Voegelin. (Not offered 2020-21).

*Prerequisite:* Junior standing or consent of instructor.

1 unit

### **PS375** Introduction to International Political Economy

Examination of classic and modern conceptions of political economy. Emphasis on understanding theory and applying it to explain political and economic outcomes within states and among states in the international arena. Open to declared junior International Political Economy majors, and to others with consent of instructor.

*Prerequisite:* Economics 201.

1 unit — Kapuria-Foreman

### **PS377** Global Politics of Energy and Climate Change

Explores the effects of fossil fuels, nuclear and various renewable energy technologies on carbon emissions. Investigates the political and technological challenges to climate mitigation and adaptation, examines the projected perils that climate change poses to international security, and analyzes shortcomings in global governance that obstruct coherent solutions to climate change. (Not offered 2020-21).

*Prerequisite:* Political Science 209 or Political Science 225.

1 unit

**PS380** Constitutional Law in United States Politics

Examines (1) the political and social dynamics and interpretive methods that shape the constitutional decisions of the U. S. Supreme Court, and (2) the political impact of the Court's constitutional decisions and doctrines on political and social conditions. Emphasis given to the shift from judicial concern with governmental structures and powers to the contemporary concern with individual and group rights. 1 unit

*Prerequisite:* consent of instructor or Political Science 200.

1 unit — Edlin

**PS381** Political Research and Analysis

This course introduces students to the foundational concepts, questions, and debates in political science research methods. At its core, this course is designed to demonstrate how the choices one makes about research design and methods have significant consequences; the way that we ask research questions (and the choice about which questions to ask), the methodology that we use, and the way that we analyze the data all influence our 'knowledge' about politics and society.

1 unit — Coggins, Wolfe

**PS385** Rousseau Contra Nietzsche

The writings of Jean-Jacques Rousseau and Friedrich Nietzsche - as penetrating as they are eloquent, as radical in their philosophical explorations as they are revolutionary in their moral and political implications – continue to have a profound influence on our age. Both Rousseau and Nietzsche leveled scathing critiques at emergent modernity and incisively detailed its powerful but corrupting effects on our lives, while painting competing visions of how to ennoble modern values, politics and culture. Yet they seem to do so as polar opposites; indeed, Nietzsche directs his immense rhetorical firepower at Rousseau as a thinker who fostered values - values central to us now - that would only serve to deepen the problems that concern him. Nietzsche's condemnation of Rousseau, however, is the obverse of his high regard for the latter as the originator of one of the most profound alternatives to modernity. The course will seek to enter into this great contest through an attentive reading of a number of Rousseau's and Nietzsche's fundamental texts. (Not offered 2020-21).

1 unit

**PS402** Independent Research in Political Science

A project normally organized around preparation of a substantial paper. Proposed and carried out at student initiative, under supervision of a department faculty member, in an area in which the student has already completed basic course work. (May also be listed as North American Studies 402 if emphasis is on Canada.)

.5 to 2 units

**PS403** Independent Study:

1 unit — Grace, Sorace

**PS404** Tutorial in United States Politics

A directed research project on a topic of the student's choice. The project might involve an extended research paper, empirical research designed to test a hypothesis or describe some phenomena, a theoretical study of a political thinker or institution of government, or some combination of these. 1 unit.

1 unit — Coggins, Edlin, Wolfe

**PS408** Tutorial in Political Theory

May be taught as a block course or as an extended format year-long course.

1 unit — Fuller

**PS410** Tutorial in International Relations

1 unit — Derdzinski

**PS412** Tutorial in Comparative Politics

1 unit — Fenner, Lindau, Sorace

**PS419** Seminar in Political Philosophy:

A semester long intensive study of advanced texts and topics in political philosophy. The seminar takes one of two forms: *Morality of Power*. Examines various accounts and defenses of the human interest in the pursuit of power; what constitutes power; and the relations among power, political rule, and justice. *Philosophy and Politics in Post-modernity*. An introduction to radical changes in philosophic thinking and their potential significance for our understanding of American politics and its principles. This introduction will take place, in part, through a debate with a modern approach to philosophy, politics and morals, including a consideration of its possible connection to Nihilism.

*Prerequisite:* consent of instructor.

.5 unit

**PS424** History-Political Science Thesis

*Prerequisite:* Consent of both Departments.

2 units

**PS450** Political Science Thesis

Thesis on a subject chosen by the student with approval from the department. Independent-study format with regular consultation between student and faculty supervisor.

1 unit — Edlin, Fuller, Grace

**PS470** Tutorial in International Political Economy

Focuses on the historical development and current role of international institutions and multilateral treaties in the regulation of the world economy and environment, with emphasis on the impact of and challenges presented by globalization. Students write a substantial paper exploring some aspect of this interaction, but have considerable freedom in defining their research agenda.

*Prerequisite:* IPE major or consent of instructor.

1 unit — Gould

### **PS490** Political Economy Distinction Thesis

Optional for majors in American Political Economy and International Political Economy, upon application to, and approval of, the departments of Political Science and Economics and Business. (Must be taken in conjunction with Economics 491 for a total of 2 units.)

1 to 2 units

## **Classics**

### **CL101** Greek for Beginners

Introduction to the structure and vocabulary of classical Greek, with attention to those features that form the classical basis of Biblical koine and for the classical side of Greek diglossia from Hellenistic times through the 20th century. Short texts from Homer to Kazantzakis and Cavafy provide practice in literary, philosophical and rhetorical reading and initiation in major areas of Western thought. Attention to the history of the language and its relation to ancient, medieval and modern culture.

1 or 2 units — Buxton

### **CL103** Review of Elementary Greek

A lower-level maintenance course for students who plan to continue their study of Greek. A systematic review of grammar with supervised readings and translation practice. Prerequisite: Classics 101 or equivalent. .25 unit.

*Prerequisite:* Classics 101 or equivalent.

.25 unit — Lund

### **CL104** Review of Elementary Greek

A lower-level maintenance course for students who plan to continue their study of Greek. A systematic review of grammar with supervised reading and translation practice. Prerequisite: Classics 101 or equivalent. .25 unit.

*Prerequisite:* Classics 101 or equivalent.

.25 unit — Lund

### **CL111** Latin for Beginners



Introduction to the structure of classical Latin; reading of short texts from Plautus to Milton and Newton to provide practice in literary and rhetorical reading and initiation in major areas of western thought. Attention to the history of the language and its relation to ancient, medieval and modern culture.

2 units — Thakur

### **CL113** Review of Elementary Latin

A lower-level maintenance course for students who plan to continue their study of Latin. A systematic review of grammar with supervised reading and translation practice. Prerequisite: Classics 111 or equivalent. .25 unit.

*Prerequisite:* Classics 111 or equivalent.

.25 unit — Lund

### **CL114** Review of Elementary Latin

A lower-level maintenance course for students who plan to continue their study of Latin. A systematic review of grammar with supervised reading and translation practice. Prerequisite: Classics 111 or equivalent. .25 unit.

*Prerequisite:* Classics 111 or equivalent.

.25 unit — Lund

### **CL115** Introduction to Classical Literature and Archaeology:

Introduction to Ancient Greek and Roman cultures through reading of original sources and an examination of material culture. Part One: literature from various genres (such as epic, dramatic, lyric and philosophical); modern ways of receiving and interpreting them. Part Two: art, architecture and topography of ancient Greece and Rome. This course will consider the long-standing influence these civilizations played in the development of later Western cultures, and will examine modern outcomes and parallels to the historical forms and movements, such as Athenian democracy as a precedent for American democracy, colonization in antiquity and European colonialism in the c. 16-19, and the Roman Empire as a precedent for the expansive American State of late c. 19 to the present. (Not offered 2020-21).

1 to 2 units

### **CL116** Greek History and Philosophy: Self and Soul from Antiquity to Modernity

Aegean and Greek archaeological, historical, literary and philosophical texts, with emphasis on ideas formative of Western culture. The development and transformations of these ideas as reflected in selected texts from the early Christian era, the Enlightenment, and the Modern Age. We concentrate on concepts of what it means to be human, and the relation of individuals to community, nature, and the divine in such authors as Homer, Sophocles, Aeschylus, Euripides, Plato, Aristotle, Augustine, Dante, Descartes, Goethe, Nietzsche, and Heidegger (Also listed as History 116 and Philosophy 116.) (Not offered 2020-21).

2 units

**CL117** Concepts of Freedom from Ancient to Modern Times

This interdisciplinary course explores enduring questions in the Western tradition: What does it mean to be free? What are the basic ideas of freedom that figure prominently in the Western tradition? What is freedom for? Is there a rational use of freedom? Discussion will spring from readings in ancient, medieval and modern philosophy, politics, religion and literature, and complementary films. (Not offered 2020-21).

2 units

**CL118** Myth, Gender and Metamorphosis in the Ancient Mediterranean

An exploration of Greek, Roman and Near Eastern myths in the ancient Mediterranean, emphasizing metamorphoses thematically across cultures, with attention to the (imagined) other in gender and society. Readings will include selections from Mesopotamian literature (Enuma Elish, The Epic of Gilgamesh, The Hymns to Inanna), Greece and Rome (Hesiod's Theogony, the Homeric Hymns, the Greek dramatists and Aristophanes, Sappho, Sulpicia and Ovid's Metamorphoses, among others), and accompanying art and archaeological evidence. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

2 units

**CL121** Intensive Latin Grammar Review and Reading Practice

Intensive Latin Grammar Review and Reading Practice. This course will use a morphological and syntactic approach to review and practice the essential structures and concepts of Latin grammar. It is intended to prepare students for courses at the 200 level. (Not offered 2020-21).

*Prerequisite:* Classics 111, placement above Classics 111 on department placement test or consent of department.

.5 to 1 unit

**CL125** The Ancient Mediterranean

Survey of the civilizations that flourished in and around Mesopotamia, Egypt, Syria-Palestine, Greece and Italy from the time of the first cities (3000 BC) to the rise of Islam (seventh century AD). Beyond providing a historical overview, the course explores the surprising ways in which the various peoples of this area influenced one another culturally. We will also learn about the different types of evidence, both literary and archaeological, on which knowledge of the ancient world is based. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Schroer

**CL160** Race, Ethnicity, and Prejudice in the Ancient World

An introduction to the theoretical concept of ethnicity and related issues as they played out in the ancient Mediterranean world. In particular, a focus on the way Greeks and Romans defined themselves and distinguished themselves from other peoples as a way of assigning meaning to the universe, and how those attitudes motivated their behavior towards

outsiders. Also an examination of the practical effects of such discourses on the lives of people who lived in Greek and Roman communities without belonging to the dominant groups, and some of the ways in which modern approaches to race and ethnicity have structured and sometimes distorted our collective understanding of the past. The materials studied include literary, artistic, and archaeological evidence, as well as modern scholarship. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Cramer

**CL200** Latin Language

Latin Language course taken on Mediterranean Semester Program. (Not offered 2020-21).

.75 to 1 unit

**CL201** Reading in Greek:

Introduction to Greek literature, including Homer and dramatic, philosophical or historical writing. (Not offered 2020-21).

*Prerequisite:* Classics 101 or consent of instructor.

.5 to 1 unit

**CL202** Reading in Greek:

Introduction to Greek literature, including Homer and dramatic, philosophical or historical writing.

*Prerequisite:* Classics 101 or consent of instructor.

1 unit — Dobson

**CL203** Review of Intermediate Greek

An upper-level maintenance course for students who plan to continue their study of Greek. A systematic review of grammar with reading and translation practice. Prerequisite: Classics 201 or equivalent. .25 unit.

*Prerequisite:* Classics 201 or equivalent.

.25 unit — Lund

**CL204** Review of Intermediate Greek

An upper-level maintenance course for students who plan to continue their study of Greek. A systematic review of grammar with reading and translation practice. Prerequisite: Classics 201 or equivalent. .25 unit.

*Prerequisite:* Classics 201 or equivalent.

.25 unit — Lund

**CL209** Late Antiquity: Imperial Rome, Mystery Religions, Judaism, Christianity and Islam

A study of imagery during Late Antiquity—200-750 CE--through art, architecture, archaeological sites and texts. The course covers the visual arts in imperial Rome and Sassanid Persia, the mystery religions of Mithras, Isis and Dionysus as well as Judaism, Christianity and early Islam. We will study how the power of images was harnessed to convey religious meaning and convert adherents; how the imagery of pagan antiquity influenced the eventual formation of a Christian visual language; how the first monuments of Islamic art drew on pre-existing traditions. Monuments to be studied include the Arch of Constantine, sanctuaries of Mithras and Isis, catacomb paintings, synagogues and their mosaic floors, the religious buildings of Dura Europos, Christian basilicas and their decoration, the Hagia Sophia and the Dome of the Rock. 1 unit

*Prerequisite:* Art History 111, 112 or consent of instructor.

1 unit — Kolarik

### **CL210** Greek Philosophy

Major writers and schools from the thousand year history of Greek philosophical research in the areas of nature, the gods, the mind, and ways of life: Ionian and Italian Pre-Socratics, Plato and the Academy, Aristotle, Pyrrho, the Cynics, the Stoa, Epicurus and Lucretius, and the revival in Late Antiquity of Pyrronian Scepticism and Platonism. Emphasis on close reading of the texts (including certain Greek terms) and on critical and comparative writing.

1 unit — Furtak

### **CL211** Reading in Latin:

Various ancient and medieval Latin works.

*Prerequisite:* Classics 111 or consent of instructor.

1 unit — Buxton

### **CL212** Reading in Latin:

Various ancient and medieval Latin works.

*Prerequisite:* Classics 111 or consent of instructor.

1 unit — Cramer

### **CL213** Review of Intermediate Latin

An upper-level maintenance course for students who plan to continue their study of Latin. A systematic review of grammar with reading and translation practice. Prerequisite: Classics 211 or equivalent. .25 unit.

*Prerequisite:* Classics 211 or equivalent.

.25 unit — Lund

### **CL214** Review of Intermediate Latin

An upper-level maintenance course for students who plan to continue their study of Latin. A

systematic review of grammar with reading and translation practice. Prerequisite: Classics 211 or equivalent. .25 unit.

*Prerequisite:* Classics 211 or equivalent.

.25 unit — Lund

### **CL216** History of the Roman Republic

Focus on the development of Rome, from a small city ruled by kings, to a regional power ruled under a Republic. The course will trace Rome's expansion through Italy, its conflict with Carthage and will closely examine the end of the Republic. Individuals discussed will include the Gracchi, generals Marius, Sulla, Pompey, Caesar, and Rome's greatest politician (and author) Cicero. (Also listed as History 216.)

1 unit — Thakur

### **CL218** Homer

The Iliad and Odyssey as oral traditional poems, preservers of Bronze Age and archaic lore, locus of the creation of classical Greek culture and predecessors of European epic; together with Hesiodic epic and Homeric hymns. Reading in English with attention to the formal Greek diction and the problems of translation, except that students who know Greek will read parts of the original text.

1 unit — Cramer

### **CL219** Greek Drama: Origins and Early Forms of Theater

A study of origins, early texts, performance practices and developing theatrical conventions in various cultures, with special emphasis on ancient Greek and Roman theatre. (Not offered 2020-21).

1 unit

### **CL220** Myth & Meaning

Religion and myth of ancient Greece and Rome in relation to that of the ancient Mediterranean (Akkadian, Hittite, Sumerian, Egyptian). Female presence in art, literature and religion compared to treatment of women in their respective cultures. Theoretical approaches to the understanding of myth (Comparative, Jungian, Structuralist) in relation to myths as they are encoded in their specific cultures. Students may trace a myth through Medieval, Renaissance and modern transformations in art, music, poetry and film, or study myth in other cultures (e.g. Norse and Celtic). May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Dobson

### **CL221** The Invention of History

Herodotus, sometimes called the 'father of lies,' and Thucydides, sometimes called the first political scientist, treated as the first historians. Study of the ways of conceiving history and its relation to the peoples and periods explored. No Greek or Latin required.

1 unit — Buxton

**CL222** Topics:

Courses vary from year to year, to include offerings in classical and comparative religion and mythology, history, language and literature, anthropology, archaeology and women's studies supplementary to those offered in the catalog. No Greek or Latin required.

1 unit — Reaves, Schroer, Thakur

**CL223** Art of Greece & Rome

Surveys the art and architecture of Greece and Rome from their origins in Bronze Age Greece to their transformation in the late Roman Empire using methods of art history and archaeology. Ancient Greek cities and sanctuaries with emphasis on Athens and the monuments of the Acropolis. The spread of Hellenism and the formation of an imperial visual language under Alexander the Great and his successors. The influence of Etruscan and Greek art in the Roman Republic. Imperial monuments of the city of Rome and throughout the empire as instruments of power. The class will consider political and social factors in the formation and utilization of Classical forms in both ancient and modern times. (Also listed as AH 207). (Not offered 2020-21).

1 unit

**CL226** Roman History: Literature and Culture of the Augustan Age

Focus on the development of the Roman state in the late first century B.C. under the emperor Augustus. The city, its monuments, its art, its literature, bureaucracy and territorial expansion, the role of women, and various social and minority groups will all be discussed. In particular, the course will emphasize important and influential literary figures, such as Horace, Ovid, Propertius, Virgil and Augustus himself. (Not offered 2020-21).

1 unit

**CL227** The Ancient Economy

A survey of economic life in ancient Greece and Rome, which involved both primitive subsistence agriculture and a complex international marketplace of luxury goods—often tightly regulated by predatory states. Topics will include the essential but diverse role of slavery, why debt crises plagued rich and poor alike, the degree to which banking facilitated international trade, and how governments manipulated the silver content of coinage to cover budget shortfalls or finance armies. Also considered are the reasons behind the invention and spread of coinage as a medium of exchange. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Buxton

**CL230** Independent Study

Special projects related to Classics or the ancient world, requiring no knowledge of ancient languages, arranged by individual students and Classics Department faculty. May be offered in extended format or half-block format.

.5 to 1 unit

**CL236** History of the Roman Empire

Focus on how conservative Roman republican ideals were reconciled with an increasingly Hellenized empire dominated by an imperial dynasty. Following a brief survey of prior Roman history, the course will examine the development of the Roman state in the first century AD under the Julio-Claudian emperors. The course will proceed to consider the Empire's evolution and management under subsequent Flavian and Antonine dynasties. The city, its monuments, its art, its literature, bureaucracy and territorial expansion, the role of women, various social and minority groups, and the growth of Christianity will all be discussed.

1 unit — Schroer

**CL250** History of Classical Greece

A survey of the development and expansion of Greek city states (known as "poleis") from their emergence in the eighth century BC to Greece's conquest by Philip II of Macedonia, father of Alexander the Great. Particular attention will be paid to Athens and Sparta, the two great powers of this period. The class will examine Greece's political institutions (How direct was direct democracy?), social relations (What were the lived realities of women, foreigners and slaves?) and intellectual history (especially the rise of rhetoric to better persuade mass audiences in a democracy). Readings will draw on ancient historians (Herodotus, Thucydides), political theorists (Plato, Aristotle), satirists (Aristophanes) and statesmen (Demosthenes, Lysias, Xenophon). (Not offered 2020-21).

1 unit

**CL252** Age of Alexander the Great

An examination of the life of Alexander the Great and the ancient Mediterranean world in which he lived. Also considered are the impact he had on the historical development of that world after his death, the political use of his legacy from antiquity to the 21st century, and the fascination he continues to inspire. (Not offered 2020-21).

1 unit

**CL255** The Life of the Soul

Since the beginning of time, humans have been searching into the nature of the soul, its life and its meanings. Starting from the Greeks, this course seeks to discover how the concept of "soul" is understood, and how its life is conceived. We will explore the roots of these questions in ancient Greek epic, drama and philosophy, how these answers transform in medieval and renaissance literature, and how modernity offers strikingly new answers to them.

1 unit — Dobson, Riker

**CL260** Gender and Sexuality in the Ancient World

An introductory survey of issues relating to gender and sexuality in Greece and Rome. The focus will be on the role of women in ancient society and their characterization in literature.

Though our sources are dominated by male perspectives, the class will attempt a balanced and accurate picture of ancient society. The course will also place these literary depictions in the broader context of art, political and societal structure, religious belief and family relations. Authors examined will include Hesiod, Homer, Aristophanes, Virgil, the female poets Sappho and Sulpicia, Ovid, and many more. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Schroer

### **CL275** Ancient Sports and Entertainment

The course considers the role sport and entertainment played in ancient society. We begin by examining athletics in the Greek world, specifically the Olympics and other major games. We will discuss the different types of events and then consider the evolving role athletics played in Greek education and society. We will then transition to the Roman world, examining gladiatorial games, chariot racing, the theatre, and the Olympics in the Roman period. We will trace the development of the status of athletes from amateurs to the professionalization of sport, and pause to consider the place of musicians and actors in Greek and Roman society. Throughout the course students will become familiar with the architecture of related venues and investigate the role of spectators. Students will continually be challenged to relate ancient athletics to the sports of today. Sources will include Homer, Pindar, Virgil, Ovid, Martial and various inscriptions. (Not offered 2020-21).

1 unit

### **CL299** Independent Study

Supervised readings or investigations in areas of interest to the students that are not covered in regular Classics Department offerings. Readings and/or investigations to be followed up with discussions and written reports. Must be approved by the Chair on behalf of the Department, in addition to the supervising professor.

*Prerequisite:* consent of department.

.5 to 1 unit

### **CL301** Advanced Reading in Greek:

Further exploration of ancient, medieval or modern Greek literature, done as independent reading.

*Prerequisite:* Classics 202 or consent of instructor.

.5 to 1 unit

### **CL302** Advanced Reading in Greek:

Further exploration of ancient, medieval or modern Greek literature, done as independent reading.

*Prerequisite:* Classics 202 or consent of instructor.



1 unit — Dobson

**CL303** Review of Greek with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 301. .25 Unit.

*Prerequisite:* Classics 301.

.25 unit — Lund

**CL304** Review of Greek with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 301.

*Prerequisite:* Classics 301.

.25 unit — Lund

**CL311** Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

*Prerequisite:* Classics 212 or consent of instructor.

1 unit — Buxton

**CL312** Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

*Prerequisite:* Classics 212.

1 unit — Cramer

**CL313** Review of Latin with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 311. .25 unit.

*Prerequisite:* Classics 311.

.25 unit — Lund

**CL314** Review of Latin with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 311.

*Prerequisite:* Classics 311.

.25 unit — Lund

**CL322** Advanced Topics:

Study for advanced students in the languages, arts, drama and literature. (Not offered 2020-21).

.5 to 1.5 units

**CL323** Empire and Power: Readings in Latin

(Summer only 2020-21).

*Prerequisite:* Meets 3 times a week.

.5 unit

**CL325** Colloquium: Juvenal

(Summer only 2020-21).

.25 unit

**CL333** Roman Epicureanism in the Late Republic

(Summer only 2020-21).

1 unit

**CL336** Colloquium: Medieval Latin

(Summer only 2020-21).

.25 unit

**CL401** Directed Readings in Greek:

Independent study of various authors and special topics.

*Prerequisite:* 301, 302.

.5 to 1 unit

**CL402** Directed Readings in Greek:

Independent study of various authors and special topics.

*Prerequisite:* 301, 302.

1 unit — Dobson

**CL411** Directed Readings in Latin:

Independent study of various authors and special topics.

*Prerequisite:* 311, 312 or consent of instructor.

1 unit — Buxton

**CL412** Directed Readings in Latin:

Independent study of various authors and special topics.

*Prerequisite:* 311, 312.

1 unit — Cramer

**CL418** Colloquium:

(Summer only 2020-21).

.25 to .5 units

**CL431** Thesis

Thesis subjects chosen by student and approved by department. Senior Classics, Classics-History-Politics and Classics - English majors.

*Prerequisite:* Senior Majors Only.

1 unit — Cramer

**CL512** Reading in Latin: Vergil

(Summer only 2020-21).

1 unit

**CL513** Advanced Reading in Latin: Roman Satire--Horace and Juvenal

(Summer only 2020-21).

1 unit

**CL520** The Latin Institute

(Summer only 2020-21).

2 units

## Comparative Literature

*Applicable for the 2020-2021 academic year.*

**Comparative Literature Website (<http://www.coloradocollege.edu/academics/dept/comparativeliterature/>)**

Professors DAVIS, SCHEINER (Chair); Adjunct Associate Professor HUGHES; Assistant Professor NAJI

Comparative Literature is the study of literature across languages, cultures, time periods, and genres as well as the study of the relationship between literature and other fields of knowledge. An essential feature of such study is the reading of texts in their original language(s) of composition. The study of Comparative Literature promotes an understanding of intercultural or cross-cultural relations and helps to foster a more international or cosmopolitan perspective of both literature and the world and, in turn, of one's own literature and culture.

A vital component of Comparative Literature today is the study of World Literature, specifically, the examination of how great works of literature uncover understudied relations and transnational connections between various cultures, languages, and artistic traditions across the globe. Such work often relies on translations. The study of World Literature promotes an understanding of the deep roots of today's intertwined global cultures and supports a critical position that aims to dismantle the presumed centrality and dominance of certain cultural views and perspectives over others.

## Major Requirements

### New Major Requirements beginning in Academic Year 2020-2021:

11 units (in addition to language courses below level 306, and in addition to senior thesis work other than 430 and 431) required.

1. 120: Literature, Power and Identities or 121: Literature, Place, and the World – 1 unit.
2. 130: Literature and Contemporary Issues or 131: Literature, Texts, and Media – 1 unit.
3. 250: Introduction to Literary Theory or EN250: Introduction to Literary Theory – 1 unit.
4. 255: World Literature/Comparative Literature – 1 unit.
5. Four courses above the 300 level in literature, including one course in a language other than English at level 306 or above and one course that examines literature in a comparative context. – 4 units.
6. 391: Advanced Literary Theory or 390: Translation: Theory and Practice – 1 unit.
7. 430: Thesis Preparation – 1 unit.
8. 431: Senior Thesis (Prerequisite: 255 and 430) – 1 unit.

Note: As a rule, the senior thesis demands more than one block of preparation and one block of writing and research. Students are encouraged to take one independent study block of preparation with either their departmental or their external reader (usually during the block preceding the thesis block).

Download a PDF of the [major requirements and checklist](#).

### For Majors declared prior to Academic Year 2020-2021:

11 units (in addition to language courses below level 306, and in addition to senior thesis work other than 431) required.

1. **100: Introduction to Comparative Literature** – 2 units.
2. 2 units in courses listed (or cross-listed) as Comparative Literature 200, 220, 351 or 352 – 2 units.
3. **210: Introduction to Literary Theory** or **EN250: Critical Practices** – 1 unit.
4. **300: Practice in Comparison** – 1 unit.
5. **310: Junior Seminar** – 1 unit.
6. Two courses above 300 level in literature, including one course in a foreign language at level 306 or above and either a second such course in a foreign language or an advanced English course – 2 units
7. **391: Advanced literary theory** or **390: Theory and Practice of Translation** – 1 unit.
8. **431: Senior Thesis (Prerequisite: 310)** – 1 unit. Senior students will be permitted to do a creative writing project or a translation project as a thesis under certain conditions and with approval of the program advisor.

Note: As a rule, the senior thesis demands more than one block of writing and research. Students are encouraged to take one independent study block of preparation with their primary thesis reader (usually during the block preceding the thesis block).

Download a PDF of the [major requirements and checklist](#).

### Literature and Other Disciplines Track

Comparative literature majors who have a special interest in the study of literature and other disciplines may elect this program. They must fulfill all the requirements of the comparative literature major AND

1. A minimum of three units in the other discipline appropriate to their program of study including an introductory or methodological course (1 or 2 units) in the other discipline;
2. Students are strongly encouraged to take topics courses listed as CO220 or CO352;
3. The thesis must reflect the course of study; and
4. All of the above courses and the thesis topic must be approved by the program advisor

## Minor Requirements

**World Literature Minor** — 6 units required.

1. 120: Literature, Power, and Identities or 121: Literature, Place, and the World – 1 unit.
2. 130: Literature and Contemporary Issues or 131: Literature, Texts, and Media – 1 unit.
3. 250: Introduction to Literary Theory or EN250: Introduction to Literary Theory – 1 unit.
4. 255: World Literature/Comparative Literature – 1 unit.
5. Two courses above the 100 level in literature, one of which examines literature in a comparative context – 2 units.

## Courses

### Arabic

#### AR101 Elementary Arabic

Basic skills in oral comprehension, speaking, reading, and writing Arabic. Also covers the basics of Arabic morphology and grammar. Designed to serve the needs of daily conversation in any part of the Arab world, and also to serve the needs of the prospective scholar. No prior knowledge of Arabic required.

2 units — Alswaid, Naji

#### AR103 Elementary Arabic Review

Review course that drills students in basic vocabulary and grammar acquired in AR101. Trains students for efficient reading in Arabic. Highly recommended for students who have completed AR 101. (Not offered 2020-21).

*Prerequisite:* Arabic 101.

.25 unit

**AR104** Elementary Arabic Review

Drills students in basic vocabulary and grammar skills acquired in AR101. Highly recommended for students who have completed AR101.

*Prerequisite:* Arabic 101.

.25 unit — Alswaid, Naji

**AR201** Intermediate Arabic

Development of skills in oral comprehension, speaking, reading, and writing Arabic. Builds on the basics of Arabic morphology, syntax, and grammar. Expansion of knowledge of Arabic grammar and development of more advanced reading and writing skills. Vocabulary serves the needs of daily conversation in any part of the Arab world. Attention to the rules of morphology, syntax, and grammar also serves the needs of the prospective scholar.

*Prerequisite:* Arabic 101.

1 unit — Alswaid

**AR202** Intermediate Arabic

Further develops and strengthens knowledge acquired in Arabic 201.

*Prerequisite:* Arabic 201.

1 unit — Alswaid

**AR203** Intermediate Arabic Review

Drills students in the vocabulary and grammar acquired in AR 201. Trains students in speed reading and translation in Arabic. High recommended for students who finish AR 201. (Not offered 2020-21).

*Prerequisite:* Arabic 201.

.25 unit

**AR204** Intermediate Arabic Review

Drills students in the vocabulary and grammar skills acquired in AR202. Also trains students in speed reading and translation in Arabic. Highly recommended for students who have completed AR 202.

*Prerequisite:* Arabic 202.

.25 unit — Alswaid, Naji

**AR304** Cultural Context and Oral Practice

Develops skills in reading, writing, listening, and oral practice. Course builds on intermediate knowledge of Arabic morphology, syntax, and grammar. Further knowledge of Arabic grammar and reading and writing skills. Expansion of presentation abilities, and a

brief exposure to the Egyptian dialect through media. (Not offered 2020-21).

*Prerequisite:* Arabic 202.

1 unit

### **AR320** Topics in Arabic Culture and Literature

Offers students the chance to engage intellectually with representations of Arab culture through literature, film, and popular culture. Taught in English.

*Prerequisite:* (taught in English).

1 unit — Naji

## **Comparative Literature**

### **CO120** Literature, Power and Identities:

An examination of literature as a venue for explorations of power and identities, particularly of how identities are constructed as well as of how literary texts (re)present and can work to deconstruct identities. Emphasis on close reading of texts as well as on critical analysis and writing. 1 unit.

1 unit

### **CO121** Literature, Place, and the World:

An examination of literature as a venue for understanding the rich diversity of global humanity and perspectives, with special attention to how “place” informs literary settings as well as sites of composition and sites of consumption. Emphasis on close reading of texts as well as on critical analysis and writing. 1 unit.

1 unit — Hughes

### **CO130** Literature and Contemporary Issues:

An examination of the intersections of contemporary issues and the aesthetics and production of literature in the world today. Emphasis on close reading of texts as well as on critical analysis and writing. 1 unit.

1 unit — Naji

### **CO131** Literature, Texts, and Media:

An examination of the intersections between literary texts and other forms of media and textuality, in an international context. Emphasis on close reading of texts as well as on critical analysis and writing. 1 unit.

1 unit — Davis, Grace, Hughes, Sarchett

### **CO200** Topics in Comparative Literature:

Consideration of literature in a comparative context. Comparisons may take place across languages, cultures, periods, genres, or disciplines.

1 unit — Dobson, Grace, Islam, Khan

**CO218** Ethics and Aesthetic in Art and Philosophy

(Summer only 2020-21).

2 units

**CO250** Introduction to Literary Theory

Introductory examination of significant trends and movements in literary theory including such approaches as formalism and structuralism, post-structuralism, psychoanalytic approaches, theories of gender and sexuality, historical and materialist approaches, posthuman, and digital theories. Study of theoretical texts as well as literary works from a variety of cultural and linguistic traditions, exploring the ways in which theory informs possibilities of interpretation.

1 unit — Davis

**CO255** World Literature/Comparative Literature

What is comparative literature? What is world literature? Examination of the history, methods, conceptual frameworks, canonical thinkers, critics, current issues, and debates in these interrelated fields and how they shape our reading of literature. Emphasis on close reading of both theoretical and literary texts, critical analysis, and writing in a comparative context. 1 unit. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Scheiner

**CO300** Topics in Comparative Literature:

Consideration of literature in a comparative context. Comparisons may take place across languages, cultures, periods, genres, or disciplines

1 unit — Evitt, Hughes, Islam, Lindblade

**CO363** Psychoanalysis, Culture and Society

(Summer only 2020-21).

*Prerequisite:* consent of instructor and (taught in Chicago).

1 to 2 units

**CO390** Translation: Theory and Practice

Practical experience translating literary texts paired with reading and discussion of critical texts from translation studies. Exploration of the questions that translation raises about language, literature, authority, and power. Translation workshops and discussion of practical issues. Discussion of translations as a cultural force. Individual research projects on translation. (Not offered 2020-21).



*Prerequisite:* Comparative Literature 250 or English 250 or Anthropology 258 & a 300 level Language course (or equivalent) or consent of instructor.

1 unit

### **CO391** Advanced Literary Theory

Close examination of specific topics or issues in literary and cultural theory. Includes in-depth work with theoretical ideas and movements as well as practice with the application of theory to the analysis of literary and other cultural texts.

*Prerequisite:* Comparative Literature 250 (or English 250) or consent of instructor.

1 unit — Sarchett

### **CO400** Independent Readings in Comparative Literature

Opportunity for advanced students to do guided research, specialized topics or thesis preparation.

*Prerequisite:* consent of instructor or Comparative Literature 300, May be arranged any block.

1 unit — Diop, Ericson, Scheiner

### **CO410** Research Topics in Comparative Literature:

Opportunity for students, either individually or as a group, to engage in research in collaboration with and under the supervision of a faculty member.

*Prerequisite:* consent of instructor.

1 unit

### **CO430** Thesis Preparation

Preliminary work on the senior thesis: identification of a compelling research question; training in how to conduct research; creation of an outline; creation of a preliminary bibliography; creation of a timeline for completion; and beginning of the writing of the thesis. Opportunity for students to discuss their work, the work of their colleagues, and theoretical texts of common interest in a workshop setting. 1 unit.

*Prerequisite:* Junior or Senior standing, Required of All Majors.

1 unit — Scheiner

### **CO431** Senior Thesis

Thesis subject chosen by student and approved by Comparative Literature Program Director. Choice of subject, research, outline and writing completed in this course.

*Prerequisite:* Comparative Literature 255 & Comparative Literature 430, Required for Majors.

1 unit — Davis

## Computer Science

*Applicable for the 2020-2021 academic year.*

**Computer Science Website** (<http://www.coloradocollege.edu/academics/dept/MathCS/>)

Associate Professors J. BURGE, M. WHITEHEAD; Assistant Professors D. ELLSWORTH;  
Visiting Professor R. WELLMAN

The study of computer science develops many skills that are central to a liberal arts education: analytical thinking, creativity, and communication. Computer science majors and minors at Colorado College study classical ideas and cutting-edge technologies in close collaboration with their peers and faculty. The computer science program is inclusive and welcoming, with the aim of helping every student achieve his or her full potential. Our students have ample opportunity to work with faculty here and elsewhere on research projects, as well as to put their skills to use in internships. Our alumni are in high demand in the tech sector and other fields, and many earn advanced degrees from top-flight universities.

The Department of Mathematics and Computer Science offers a major and a minor in computer science; computer science courses are designated by CP. For details about the mathematics major and a list of mathematics (MA) courses, see the listing under mathematics elsewhere in the catalog.

### Major Requirements

**In addition to the All College Requirements, a student majoring in Computer Science must complete:**

- **MA126** Calculus 1
- **MA129** Calculus 2
- **MA201** Discrete Mathematics OR **MA251** Number Theory
- **CP115** Computational Thinking
- **CP122** Computer Science 1
- **CP222** Computer Science 2
- **CP274** Software Design
- **CP275** Computer Organization
- **CP307** Data Structures and Algorithms
- **CP405** Theory of Computation
- **CP499** Team Software Project

- TWO units approved by a faculty member of the Department of Mathematics and Computer Science from the following:
  - [CP341](#) Topics in Computer Science
  - [CP342](#) Distributed Systems
  - [CP344](#) Database Systems
  - [CP360](#) Computer Graphics
  - [CP365](#) Artificial Intelligence
  - [CP407](#) Analysis of Algorithms
- A student must complete CP222 and either MA201 or MA251 before declaring the major.
- All non-transfer students may count at most three 300-400 level courses taken at other institutions (not to include the equivalent of CP499) toward their Computer Science major, provided that these courses are approved by the department.

### **A student majoring in Computer Science must also:**

1. Attend at least four departmental Fearless Friday talks or department-approved talks after declaring the major, and submit a summary of each talk on Canvas within three weeks of the seminar. These write-ups must be submitted by the beginning of Block 7 of the student's senior year.
2. Present the project developed in Team Software Project (CP499) as either a poster or oral presentation during Block 7 of the year in which students take CP499.

To be eligible for Distinction in Computer Science, see the [CS Distinction Requirements](#) page.

### **Minor Requirements**

To minor in Computer Science, a student must complete each of the following:

- [CP115](#), [CP122](#), [CP222](#), [CP274](#), and [CP275](#);
- Two additional units of computer science at the 300 or 400 level;
- Obtain approval of the choice of courses from a member of the Department of Mathematics and Computer Science.
- A student minoring in Computer Science must take at least three of the required courses at CC.

### **Courses**

#### **Computer Science**

[CP110](#) Explorations in Computer Science:

(Summer only 2020-21).

1 unit

### **CP115** Computational Thinking

Introduction to the encoding of information as data and the automation of quantitative reasoning with computer programs. This course covers the basics of the Python programming language with examples drawn from many fields (e.g. chemistry, biology, linguistics, art, music). This is the first course for those interested in computer science. Meets the Critical Perspectives: Quantitative Reasoning requirement.

1 unit — Ellsworth, Whitehead

### **CP122** Computer Science I

Introduction to algorithms and data structures, and the design of computer programs using the programming language Java. This course requires some experience in programming. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Computer Science 115 or consent of instructor.

1 unit — Burge, Wellman

### **CP222** Computer Science II

Study of the design and implementation of computer programs in Java at the intermediate level with a focus on recursion and object-oriented programming. Exploration of the use of a variety of data structures including queues, stacks, trees, and graphs. Examination of algorithms for searching and sorting data. Meets the Critical Perspectives: Quantitative Reasoning requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Computer Science 122.

1 unit — Wellman

### **CP228** Computer Science Seminar

Students will meet regularly during the semester in order to learn about topics in computer science. Students may take the course more than once, but at most two times for credit (in different years). Pass/Fail grade only. .5 units (Not offered 2020-21).

*Prerequisite:* oCP222 or consent of instructor. Offered as P/F ponly.

.5 unit

### **CP241** Topics in Computer Science:

Special topics in computer science not offered on a regular basis (Not offered 2020-21).

1 unit

### **CP248** Introduction to Robotics

Construction and programming of a small robot over the course of a semester. Introduction

to algorithms and techniques for navigation, planning, and error correction. (Not offered 2020-21).

*Prerequisite:* Computer Science 122.

.5 to 1 unit

**CP255** Independent Study:

*Prerequisite:* consent of instructor.

.5 to 1 unit

**CP274** Software Design

Fundamentals of design and implementation of 'real world' software. Topics include testing, databases, networking, user interfaces, collaborative development practices, and software specifications.

*Prerequisite:* Computer Science 222.

1 unit — Burge

**CP275** Computer Organization

Exploration of the design and organization of computer processors, memory, and operating systems. Topics include processor architecture, digital circuits, memory management, scheduling, file systems, assembly language, and peripheral device control.

*Prerequisite:* Computer Science 222.

1 unit — Ellsworth

**CP307** Data Structures and Algorithms

Study of fundamental data structure and algorithm concepts, and analysis techniques thereof. Examination of hash function and tree based data structures. Analysis techniques including asymptotic analysis and proof of algorithm correctness and performance. Exploration of reduction and algorithmic categories (e.g., NP-completeness). 1 unit.

*Prerequisite:* Computer Science 222 and either Mathematics 201 or Mathematics 251.

1 unit — Whitehead

**CP341** Topics in Computer Science

Special topics in computer science not offered on a regular basis.

*Prerequisite:* Computer Science 222, Computer Science 274, Computer Science 275.

1 unit — Burge, Ellsworth, Koo

**CP342** Distributed Systems

Fundamentals of network design and interaction of computing systems. Topics include network protocols, security, synchronization, transactions, and network programming. Bredin. (Not offered 2020-21).

*Prerequisite:* Computer Science 274 and Computer Science 275.

1 unit

### **CP344** Database Systems

Introduction to data base management systems including the design, implementation, and analysis of data bases. Topics include relational models, concurrent access, data mining, and SQL programming. (Not offered 2020-21).

*Prerequisite:* Computer Science 274 and Computer Science 275.

1 unit

### **CP355** Independent Study:

*Prerequisite:* Computer Science 222, Computer Science 274, Computer Science 275.

.5 to 1 unit

### **CP360** Computer Graphics

Introduction to the algorithms and theory necessary for producing graphic images with the computer. Topics include perspective, projection, hidden line removal, curve design, fractal images, shading, and some animation. (Not offered 2020-21).

*Prerequisite:* Computer Science 274 and Computer Science 275.

1 unit

### **CP365** Artificial Intelligence

An introduction to the theories and methods of artificial intelligence. Topics include problem solving, game playing, knowledge representation, natural language understanding, and expert systems.

*Prerequisite:* Computer Science 274 and Computer Science 275.

1 unit — Wellman

### **CP398** Seminar in Computer Science

A semester-long study based on journal articles in computer science or on problems selected by the instructor. Topics will be chosen based on interest and accessibility, and there will be some writing and presentation of material. May be repeated for a total of 1 unit. (Not offered 2020-21).

*Prerequisite:* Computer Science 275 & consent of instructor.

.5 unit

**CP405** Theory of Computation

Examination of the logical basis of computation. Topics include automata theory, Turing machines, time complexity, and space complexity theory.

*Prerequisite:* Computer Science 274, Computer Science 275 and Computer Science 307.

1 unit — Whitehead

**CP407** Analysis of Algorithms

Investigation of the efficiency and design of algorithms including order estimates, complexity, and NP problems. (Not offered 2020-21).

*Prerequisite:* Computer Science 274, Computer Science 275, and Computer Science 307.

1 unit

**CP498** Senior Research Thesis in Computer Science

Research on an on-going project with a Computer Science faculty member. Students will read discipline-specific literature and contribute to research design. Students will produce a written thesis along with any supporting software. Students will present their projects during Block 7. This course does not count towards major or minor requirements.

*Prerequisite:* consent of instructor & Senior Standing.

1 unit

**CP499** Team Software Project

Students work in teams to design, document, implement, and test a software project. Required for majors in computer science.

*Prerequisite:* consent of instructor & Computer Science Major, Computer Science 274, Computer Science 275, and Computer Science 307, and one additional 300-400 level computer science class.

1 unit — Burge, Ellsworth, Wellman, Whitehead

**Economics**

*Applicable for the 2020-2021 academic year.*

**Economics Website (<http://www.coloradocollege.edu/academics/dept/economics/>)**

Professors ASHLEY (Chair), FENN, JOHNSON, KAPURIA-FOREMAN, REDMOUNT, SMITH; Associate Professors ACRI, DE ARAUJO; Assistant Professors HOEL, MILLER-STEVENS, RADER; Schlessman Visiting Executives-in-Residence EDMONDS; visiting Faculty ALLON, BATMAZ, COOK, GEREMEW, GRASSMUECK, MANN, SAMELSON

**The Major**

The Department of Economics and Business offers a major in economics and supports several interdisciplinary majors including mathematical economics, international political economy, and environmental science. The college's location, resources, and unique Block Plan calendar allow the faculty to offer students truly extraordinary learning experiences. Many of the department's courses incorporate experiential learning opportunities, including guest lecturers, executives-in-residence, and field trips. Field trips range from one-day visits to Denver-based executives to longer trips to Boston or Britain. A large percentage of students take advantage of opportunities to study at another college or university in the United States or to study abroad at institutions such as the London School of Economics. Students who excel in the major will find many opportunities to pursue independent research projects or to work collaboratively with department faculty, and the department and college have significant resources to support these research activities. Distinction at graduation and other prizes are awarded by the department faculty to majors on the basis of the senior thesis, overall performance in department courses, and performance in courses outside the department and social science division. The department aims to provide students with rigorous grounding in economic principles and business concepts so that they can communicate effectively, analyze data, work independently, and frame/resolve ill-defined problems, in order to provide excellent preparation for careers in business and public service. In addition, many of the department's students attend the nation's finest business and law schools, and pursue graduate study in economics, public policy, and environmental management at leading research universities.

## Major Requirements

### Economics Requirements

To declare a major in economics, students must complete an approved college-level course in calculus (MA 125 or MA 126) and Economic Theory I (EC 201). Other courses required for the major include Microeconomic Theory II (EC 301), Macroeconomic Theory II (EC 302), Statistics (MA 117 or MA 217), Econometrics (EC 303) and five electives chosen from three thematic tracks: business, microeconomics, and macroeconomics/international topics. Students must complete at least two electives from each of two different tracks, including at least four at the upper (300 or 400) level of the curriculum. Finally, all economics majors work closely with a faculty advisor to complete an independent senior thesis research project growing out of one of their completed thematic tracks (EC 430 for business focus, EC 460 for micro focus, EC 490 for macro/international focus).

Students considering a major might elect to take 100-level courses in the department as a less mathematical introduction to the discipline, courses which do not count toward the majors. The department recognizes the equivalency of AP scores of 4 or higher for calculus and statistics, and AP Economics as an equivalency for EC 100, but does not consider AP Economics as a substitute for Economic Theory I (EC 201), a course which is predicated upon calculus and other math skills. Transfer students, or students aiming to take courses at other schools for credit for the major within the department, should consult the department chair beforehand (or as soon as possible) to ensure equivalency of their coursework.

Students desiring to major in the department are required to pass the following **prerequisites** prior to admission into the major. If a student has not taken both of these courses, that student may be admitted only if currently scheduled for a later section or by consent of the chair if mitigating circumstances exist.

Mathematics 125 or 126 or above – Pre-Calc /Calculus 1, Calculus 1 or higher                      1 or 2 units



Economics 201 – Economic Theory I

1 unit

To graduate as an economics major, students must pass the all-college requirements, while completing a minimum of 11 units of credit in courses in economics and 2 units of credit in mathematics:

### 1. Required Course in Mathematics

|                        |  |  |
|------------------------|--|--|
| MA125 or 126 or higher | Pre-Calc/Calculus 1, Calculus I, or higher   | <b>1 or 2 units</b>                      |
| MA117 or 217; BE220    | Probability and Statistics OR<br>Probability and Statistical Modeling<br>Or Biostatistics and Experimental<br>Design | <b>1 unit</b><br><br><b>2 or 3 units</b> |

### 1. Required Courses in Economics

|  |              |                                       |                |
|--|--------------|---------------------------------------|----------------|
| Micro, Macro<br>/International,<br>Track | EC201        | Economic Theory I                     | <b>1 unit</b>  |
|  | EC301        | Microeconomic Theory II               | <b>1 unit</b>  |
|  | EC302        | Macroeconomic Theory II               | <b>1 unit</b>  |
|  | EC303 or 403 | Econometrics OR Econometric<br>Theory | <b>1 unit</b>  |
|  |              |                                       | <b>4 units</b> |
| Business Track                           | EC201        | Economic Theory I                     | <b>1 unit</b>  |
|  | EC301        | Microeconomic Theory II               | <b>1 unit</b>  |
|  | EC302        | Macroeconomic Theory II               | <b>1 unit</b>  |
|  | EC303 or 403 | Econometrics or Economic Theory       | <b>1 unit</b>  |
|  | EC205        | Financial Accounting                  | <b>1 unit</b>  |
|  |              |                                       | <b>5 units</b> |

### 1. Electives in Economics

A minimum of five elective courses within the department's three tracks (Business, Micro and Macro/International) such that:

**5 units**

a) at least two credits are completed within each of two different tracks, and

b) at least four electives are at the 300-level or above; the remaining elective can be at the 200-level

## 1. Thesis in Economics

A two-block thesis experience must be completed in one of the student's completed tracks:

EC 430 for Business theme

**2 units**

EC 460 for Microeconomics theme

EC 490 for Macroeconomics/ International theme

**TOTAL MINIMUM REQUIRED CREDITS.....13 or 14 units**

Themes are arranged to permit students to develop expertise in at least two sub-disciplines:

- Business courses are EC 211-230, 311-330 and 411-429
- Microeconomics courses are EC 241-260, 341-360, 441-459
- Macroeconomics/International courses are EC 271-290, 371-390, 471-489

Some courses may count toward more than one theme, as noted in individual course descriptions (e.g. 245, 347, 351, 405, 406, 407).

DISTINCTION IN ECONOMICS is awarded by action of the department to up to the top 20 percent of graduating majors based on their GPA within the major with the provision that they have also received an A in Senior Thesis.

## Courses

### Economics

#### **EC100** Principles of Economics

An introduction to the principles of economics (both microeconomics and macroeconomics) with emphasis on decision-making by households and firms, the way in which individual markets work, the distribution of income, governmental impact on specific markets, the behavior of economic aggregates such as total output, total employment, the price level, the rate of economic growth; and government policies which affect them. (Not offered 2020-21).

2 units

#### **EC101** Principles of Microeconomics

An introduction to the principles of microeconomics with emphasis on decision-making by households and firms, the way in which individual markets work, the distribution of income, and governmental impact on specific markets. Meets the Critical Perspectives: Quantitative

Reasoning requirement.

1 unit — Cook, Geremew, Redmount

### **EC102** Principles of Macroeconomics

An introduction to the principles of macroeconomics with emphasis on the behavior of economic aggregates such as total output, total employment, the price level, and the rate of economic growth; and government policies which affect them Meets the Critical Perspectives: Quantitative Reasoning requirement.

1 unit — Batmaz, Cook, Geremew, Redmount

### **EC110** Introductory Topics in Economics and Business

Selected introductory topics in economics and business. Specific content and emphasis to be determined by the instructor. Exposes students to problems and trends in society which can be illuminated through application of basic tools and concepts drawn from economics and business fields. May be taught with Emphasis on Writing and Speaking.

1 unit — Buxton, Mann, Miller-Stevens

### **EC111** Personal Financial Planning

The study of the development and implementation of a personal financial and investment program. Includes analysis of budgeting and tax planning, managing liquidity, financing large purchases, protecting assets and income, analyzing investment information, examining alternative investment types, and investing money for retirement. There is no enrollment limit to this course and it is graded Pass/Fail only. (Not offered 2020-21).

.5 unit

### **EC112** Business and Society

An examination of the social, political and natural environment in which business operates (Not offered 2020-21).

1 unit

### **EC113** Negotiation

Explores the processes of bargaining and negotiation, the dynamics of interpersonal and intergroup conflict, and theory and research related to processes of influence, negotiation, and conflict management. Skills will be developed through case analysis, role playing, and service learning. Includes local field trips for service learning. (Not offered 2020-21).

1 unit

### **EC114** Principles of Decision Making

This course examines how people make decisions, drawing on the work of behavioral psychologists and behavioral economists to understand how decisions are made and why this makes a difference in addressing real world problems such as caring for the environment and for human health. Topics include framing the decision problem, making

decisions under risk and uncertainty, dealing with conflicting values, forming group decisions, and improving decision making. 1 unit. (Not offered 2020-21).

1 unit

### **EC115** Legal Environment of Business

Survey of the U.S. system of laws and courts and the role of law in business and personal decision-making. A study of case law and judicial thinking ranging from traditional fields of contracts and torts to recent Supreme Court decisions on the environment, e-commerce, the Internet, licensing, and First Amendment freedoms

1 unit

### **EC116** Business Communications

Business Communications is a survey course of communications skills needed in the business environment. Course content includes writing executive summaries, resumes, online profiles and electronic messages; delivering oral presentations, both prepared and impromptu; and developing interpersonal skills. Critical thinking and problem solving skills are emphasized. Development of these skills are integrated with the use of technology. (Not offered 2020-21).

1 unit

### **EC121** Social Entrepreneurship

This course is an introduction to social entrepreneurship, a field that lies at the intersection of entrepreneurship and social change. The course identifies innovative social entrepreneurs that are attempting to mitigate problems facing humanity and our planet today. The course exposes students to theory regarding social entrepreneurship, models of social change, scaling of social impact, and impact measurement for social ventures. 1 unit. (Not offered 2020-21).

1 unit

### **EC122** Social Entrepreneurship: Leadership & Impact

Social entrepreneurship is the practice of identifying, starting, and growing successful mission-driven businesses, nonprofits, and social ventures - that is, organizations that strive to advance social change through innovative solutions. This course is an introduction to social entrepreneurship, an emerging field that lies at the intersection of entrepreneurship and social change. The course will review innovative leaders who are attempting to mitigate problems facing humanity and our planet today. Course materials and activities will introduce students to characteristics of the social impact leader, philanthropy skills and knowledge, scaling of social impact, and impact measurement for social ventures. Students will discuss philanthropy and giving and the ways you might contribute your time, energy, and skills to promote health, equity, peace – whatever it is you care most about – in your life beyond this course. The class will learn the complex web of individuals and organizations that make up the social impact sector before each student works to create their own social impact plan. (Summer only 2020-21).

.75 units

**EC141** Sustainable Development

Investigates the concept of sustainable development by first introducing students to necessary economic terms and concepts. It next explores traditional economic models of production and distribution. Finally it introduces the concept of sustainable development (meeting the needs of the present without compromising the ability of future generations to meet their own needs). The course includes fieldwork to explore the behavior of traditional economic models and examples of sustainable development. May involve additional expense \$\$\$\$. Students can choose to take this course for credit either in Economics (EC 141) or Environmental Science (EV 141) (Fulfills one unit of the divisional requirement in the Social Sciences, but not in the Natural Sciences.) (Also listed as EV 141.) (Not offered 2020-21).

1 unit

**EC142** Water Resource Management

Examines current problems in water resource management on various scales — from local to international (transboundary) supply and quality issues. Aims to demonstrate on an introductory level the value of economic analysis in the context of other approaches for thinking about water resources issues. (Not offered 2020-21).

1 unit

**EC201** Economic Theory I

An introduction to the economics (both microeconomics and macroeconomics) using calculus. The three main themes include consumer theory, producer theory and macroeconomic aggregates and models

*Prerequisite:* Mathematics 125 or Mathematics 126 or equivalent.

1 unit — Acri, Hoel

**EC205** Principles of Financial Accounting

An introduction to the fundamentals of the financial statements of corporations, including statement interpretation and analysis. Exposes students to economic decisions and their consequences as they relate to business activities, including operating, investing, and financing activities Meets the Critical Perspectives: Quantitative Reasoning requirement.

1 unit — Miller-Stevens, Rader

**EC225** Intermediate Topics in Business

Selected topics, with content and emphasis developed by the instructor. (Not offered 2020-21).

*Prerequisite:* Any 100 or 200 level EC designated course.

1 unit

**EC241** The Economics of Sports

The course will examine sports economics models. Students will apply theory to various aspects of both collegiate and professional sports. Topics include (but are not limited to) wage discrimination in sports, the economics of stadiums, alumni giving and collegiate athletics, academics and collegiate athletics, sports rights and broadcasting, and sports and gambling. Field trips may be included

*Prerequisite:* Economics 201 or Economics 100 or Economics 101 and Economics 102, and Mathematics 117 and Mathematics 217.

1 unit — Fenn

### **EC243** Environmental Economics

This course develops: 1.) the tools necessary for the economic analysis of environmental and natural resource problems; 2.) the ability to apply those tools in the investigation of a real world environmental resource problem and; 3.) the insight to form policy recommendations on the basis of such analysis and investigation. Particular emphasis on problems of market failure, such as externalities, public goods, non-market goods, uncertainty, income distribution, inter-temporal resource allocation and policies to correct for imperfect markets. (Not offered 2020-21).

*Prerequisite:* Economics 201 or Economics 100 or Economics 101 and Economics 102.

1 unit

### **EC245** Public Economics and Policy

The economic aspects of public revenues, expenditures and debt; the different types of taxes; the interrelationship between the activity of the private and public economy.

*Prerequisite:* Economics 201 or Economics 100 or Economics 101 and Economics 102.

1 unit — Johnson

### **EC255** Intermediate Topics in Microeconomics

Selected topics, with content and emphasis developed by the instructor. (Not offered 2020-21).

*Prerequisite:* Economics 201 or Economics 100 or Economics 101 and Economics 102.

1 unit

### **EC275** Introduction to International Political Economy

Examination of classic and modern conceptions of political economy. Emphasis on understanding theory and applying it to explain political and economic outcomes within states and among states in the international arena.

*Prerequisite:* Economics 201 or Economics 100 or Economics 101 and Economics 102.

1 unit — Kapuria-Foreman

### **EC285** Intermediate Topics in Macroeconomics

Selected topics, with content and emphasis developed by the instructor. 1.0 units

*Prerequisite:* Economics 201 or Economics 100 or Economics 101 and Economics 102.

1 unit — Geremew

### **EC301** Microeconomic Theory II

An advanced theory of pricing for both the product and factor markets with an emphasis on the economic behavior of: 1.) the individual; 2.) the household; 3.) the firm; and 4.) the industry.

*Prerequisite:* Economics 201 or Economics 100 or Economics 101 and Economics 102.

1 unit — Acri, Fenn, Johnson, Kapuria-Foreman

### **EC302** Macroeconomic Theory II

An advanced study of business cycles and economic growth models.

*Prerequisite:* Economics 201 or Economics 100 or Economics 101 and Economics 102.

1 unit — Geremew, Redmount, de Araujo

### **EC303** Econometrics

The use of statistical and mathematical techniques in the applied analysis of economic models. Macro- and micro-economic applications.

*Prerequisite:* Economics 201 or Economics 100 or Economics 101 and Economics 102, and Economics 301 or Economics 302, and Mathematics 117 or Mathematics 217 or Biology 220.

1 unit — Hoel, Kapuria-Foreman

### **EC312** Intermediate Accounting

Presentation and critical review of the elements of financial statements with concentration on accounting theory and interpretation by users. Addresses problems with income determination. (Not offered 2020-21).

*Prerequisite:* Economics 201 and Economics 205.

1 unit

### **EC313** Managerial Accounting

Principles and problems of assembling, recording, and interpreting cost data for manufacturing and service firms. Introduces various costing systems, including activity-based and standard costing systems, with emphasis on the economic decisions managers make using this accounting data and the potential impact on employee behavior.

*Prerequisite:* Economics 201 and Economics 205.

1 unit — Miller-Stevens

**EC315** Business Policy and Strategy

The role of general managers in creating and sustaining competitive advantage. Applies microeconomic principles and organization theory to study how managers position their firms in ever-changing competitive arenas, marshal scarce resources to develop competencies, and design structures that promote learning and efficient flows of knowledge and information. 1 unit. (Not offered 2020-21).

*Prerequisite:* Economics 205.

1 unit

**EC316** Theory of Business Finance

This course examines the role of the financial manager in determining the appropriate composition and level of assets and their financing within the context of stockholder wealth maximization. Key theoretical constructs include operating and financial leverage, the risk-return tradeoff, liquidity, and agency theory. Topics include financial analysis and planning, working capital management, cost of capital, capital budgeting, and mergers and acquisitions.

*Prerequisite:* Economics 201 and Economics 205.

1 unit

**EC317** Investments

Introduction to the prevailing theories, models and philosophies of investment analysis and management for an environment where individuals make investment decisions under uncertainty. Exploration of both investment fundamentals with a brief introduction to portfolio management. Specific topics of interest include a comprehensive TVM review, fundamentals analysis, market behavior, asset allocation, portfolio theory, ethics, risk and return, and behavioral finance. (Not offered 2020-21).

*Prerequisite:* Economics 201 and Economics 205.

1 unit

**EC325** Topics in Business

Selected topics, with content and emphasis developed by the instructor. Prerequisite: Economics 201 and Economics 205

*Prerequisite:* Economics 205.

1 unit

**EC325** Topics in Business

Selected topics, with content and emphasis developed by the instructor. Prerequisite: Economics 201 and Economics 205



*Prerequisite:* Economics 205.

1 unit

### **EC326** Consumer Marketing

The analysis and segmentation of markets; the psychological, emotional, and social bases of consumer behavior; the analytical techniques employed by market research professionals; and the development, implementation, and evaluation of marketing strategies.

*Prerequisite:* Economics 201.

1 unit — Mann

### **EC326** Consumer Marketing

The analysis and segmentation of markets; the psychological, emotional, and social bases of consumer behavior; the analytical techniques employed by market research professionals; and the development, implementation, and evaluation of marketing strategies.

*Prerequisite:* Economics 201.

1 unit — Mann

### **EC327** Judgment and Decision Making

Explores theories of how people make decisions. Examines assumptions of rationality and alternative explanations. Applies theories to business decisions. Builds skills in experimental design, reading original research literature, building behavioral theory, executing original experimental research, and applying statistics. May also count as a course within the Microeconomics Theme. 1 unit.

*Prerequisite:* Economics 301, & Mathematics 117 or Mathematics 217.

1 unit — Rader

### **EC329** Business Organization and Management

The motivation of individuals in organizations; effective goal setting practices; the sources of power in organizations and how leadership styles influence individual effort and job performance; the characteristics of effective teams, the key human resource management challenges facing organizations; and the importance of organizational culture and how organizational cultures are created.

*Prerequisite:* Economics 201.

1 unit — Rader

### **EC330** Nonprofit Management

The nonprofit sector has an economic, social, and political impact at both the domestic and international levels. This course offers a broad introduction to the history, scope, and significance of the nonprofit sector. Discussions center on different models of nonprofit firms and how they address market and government failures. Key areas of nonprofit

management and leadership such as writing sound mission and vision statements, developing strong boards of directors, recruiting and motivating talented staff and volunteers, creating strategic plans and innovative programs, and wisely managing fiscal and human resources are also discussed. 1 unit.

*Prerequisite:* Economics 205 & Economics 205.

1 unit

### **EC343** Environmental Economics II

Application of economic concepts to analysis of environmental problems. Development of approaches to dealing with the special problems of non-market goods. Discussion of the role of economics in policy analysis. Particular emphasis on problems of market failure, i.e., externalities, public goods, non-market goods, uncertainty, income distribution, inter-temporal resource allocation and policies to correct for imperfect markets. (Not offered 2020-21).

*Prerequisite:* Economics 301 and Economics 302 or consent of instructor for non-majors.

1 unit

### **EC344** The Economics of Strategy: Industrial Organization, Structure & Public Policy

This course adds real-world complexity and analysis to the perfectly competitive model, including transaction costs, imperfect information, and barriers to entry. The course will focus on determinants of firm and market organization and behavior, and practices such as advertising, innovation, price discrimination, and strategic behavior. (Not offered 2020-21).

*Prerequisite:* Economics 301; Economics 302.

1 unit

### **EC346** Economics of Labor

Problems of employment of labor from the standpoint of employees, employers and society including the following: economic analysis of trade unions; union types, theories, policies, methods and weapons; company and union public relations, junior standing. May also count as a course within the Macroeconomics/International Theme.

*Prerequisite:* Economics 301; Economics 302; Economics 303.

1 unit — Redmount

### **EC347** Economics of International Trade

Historical and economic analysis of foreign trade; theories of international trade; commercial policies and economic integration; changing patterns of trade; regional and world trade organizations. May also count as a course within the Macroeconomics/International Theme.

*Prerequisite:* Economics 301; Economics 302.

1 unit — Acri

**EC348** Economics of Innovation

Exploration of the field of technological change: how technologies develop and evolve; and how technologies subsequently affect our economy and society. Using case studies and journal articles as a springboard for discussion, we will apply economic concepts to events ranging from the Industrial Revolution to the present. Topics may include patent law, copyright infringement, the Green Revolution, e-commerce, health and agricultural biotechnology, and energy-related innovation. Required field study during the block, Additional expense \$\$\$ for students.

*Prerequisite:* Economics 301; Economics 302.

1 unit

**EC350** Economics of Higher Education

This course applies economic theory and data analysis in an investigation of important issues in higher education. Issues of prestige, admissions, financial aid, access, student and faculty quality, alumni giving and endowments, and externalities will be addressed (Not offered 2020-21).

*Prerequisite:* Economics 301, Economics 303.

1 unit

**EC351** The Economics of Immigration

An examination of consequences for home and host countries of the individual/family decision to migrate. (Not offered 2020-21).

*Prerequisite:* consent of instructor or Economics 301, Economics 302, Economics 303.

1 unit

**EC355** Topics in Microeconomics

Selected topics, with content and emphasis developed by the instructor.

*Prerequisite:* Economics 301.

1 unit — Johnson

**EC371** Money, Banking and Financial Markets

Examines the economic theory and institutions of banking and other forms of financial intermediation and markets that channel savings into investment as well as the economics of financial crises, monetary policy and the government's interaction with the financial system. Limit to be 15 when taught off campus.

*Prerequisite:* Economics 301, Economics 302.

1 unit — Batmaz

**EC372** Economic Development

Examines various attempts by Third World countries to achieve higher standards of living; emphasizes the theoretical and policy approaches adopted in both the domestic and international spheres. Meets the Critical Perspectives: Global Cultures requirement.

*Prerequisite:* Economics 302.

1 unit — Kapuria-Foreman

### **EC374** Economic Development of Latin America

This course utilizes economic theory to enable students to both understand and analyze the role of economic policy in the national arenas of Latin America. The course begins with an introduction to the global economic environment, the historical background of Latin America and the economic emergence of the region. The course focuses on several aspects of trade policy and regional agreements, monetary policy, fiscal policy, and their impact on the international policy environment, framing the analysis of these microeconomic and macroeconomic issues in the context of Latin America. The course will also address current events, both domestic and international, which are particularly relevant for the economic viability of the region. The purpose of the course is to understand the economic context and environment of policymaking in Latin America, as well as the impact on the different actors: workers, firms, the environment, political institutions. (Not offered 2020-21).

*Prerequisite:* Economics 301, Economics 302.

1 unit

### **EC377** Economics of International Finance

Historical and economic analysis of international financial arrangements; theories of foreign exchange, balance of payments and adjustment mechanisms; alternative world monetary systems in theory and practice; proposals for monetary reform; regional and world financial organization.

*Prerequisite:* Economics 301; Economics 302.

1 unit — Batmaz

### **EC385** Adv Topics in Macroeconomics

Selected topics, with content and emphasis developed by the instructor

*Prerequisite:* Economics 301 and Ec302, and at least one 300-level Economics elective.

1 unit — Geremew

### **EC403** Econometric Theory

The use of advanced statistical and mathematical techniques in the analysis of economic models Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Economics 301, Economics 302, Mathematics 217, and Mathematics 220.

1 unit — Fenn

**EC404** Advanced Topics in Mathematical Economics

Selected topics in the study of Mathematical Economics. Specific content and emphasis are developed by the instructor(s). Topics will meet the ME elective requirement for the Mathematical Economics major. (Not offered 2020-21).

*Prerequisite:* Economics 403 and Mathematics 220 or consent of instructor.

1 unit

**EC405** Mathematical Economics of Addiction

This course provides the student with the mathematical tools to explore the economic models of addiction. The course begins by exploring static demand-side models of addiction before proceeding to their dynamic counterparts. The course will rely on journal articles that explore the demand for addictive substances such as alcohol, tobacco, marijuana, and cocaine. Also explored are models that treat gambling and sports spectatorship as addictive behaviors. A limited discussion of supply-side models is also included.

*Prerequisite:* Consent of Instructor is required.

1 unit — Fenn

**EC406** Mathematical Economics of Game Theory

Game Theory offers a framework for studying strategic interactions in a wide variety of circumstances. Most economics and business courses explore the nature of choice by individuals -- be those consumers or firms or even countries. The interdependence among decision-makers is usually captured as a constraint on the activities of the individual. Game theory broadens that perspective by allowing the agent to be aware of and to interact with other agents in dynamic and complex ways. We will set up and solve strategic and sequential form games and evaluate the quality of those outcomes. We will also consider multi-player interactions under conditions of uncertainty.

*Prerequisite:* Economics 301, Mathematics 117 or Mathematics 217, Mathematics 129, Mathematics 220.

1 unit — Redmount

**EC407** Mathematical Economics of Growth

Exogenous and endogenous growth models and the effect of policy variables (functions) such as education, technical progress, and taxes on economic growth. Analysis of steady state equilibrium and convergence in levels and growth rates. Cross-sectional and panel data models of economic growth.

*Prerequisite:* Economics 301, Economics 302, Economics 303 or Economics 403 or consent of instructor. Mathematics 315 Strongly Suggested.

1 unit — Batmaz

**EC415** Business Policy and Strategy

The role of general managers in creating and sustaining competitive advantage. Applies microeconomic principles and organization theory to study how managers position their firms in ever-changing competitive arenas, marshal scarce resources to develop competencies, and design structures that promote learning and efficient flows of knowledge and information. (Not offered 2020-21).

*Prerequisite:* Economics 301; at least one of Economics 312, Economics 313, Economics 316, Economics 326 or Economics 329; Mathematics 117 or Mathematics 217 or Biology 220.

1 unit

#### **EC425** Advanced Topics in Business

Selected topics, with content and emphasis developed by the instructor.

*Prerequisite:* consent of instructor & Economics 301, Economics 302, and at least one 300 level course in the Business track.

1 unit

#### **EC426** Directed Readings in Business

Student readings of works selected by a faculty member on a common problem not covered directly by regular courses. Intensive research, writing, discussion, and oral reporting of ideas related to the assigned readings. Independent student work and initiative. May be taught as an extended yearlong course.

*Prerequisite:* consent of instructor & 301; 302; at least one 300-level course in Business Theme; junior standing in Economics, International Political Economy or Mathematical Economics major.

1 unit

#### **EC427** Directed Readings in Economics:

Student readings of works selected by a faculty member on a common problem not covered directly by regular courses. Intensive research, writing, discussion, and oral reporting of ideas related to the assigned readings. Independent student work and initiative. May be taught as an extended year-long course.

*Prerequisite:* Economics 301; Economics 302; at least one 300-level or 400-level Economics elective; junior standing.

1 unit

#### **EC428** Independent Study in Business

A project normally organized around preparation of a substantial paper or project. Proposed and carried out at student initiative, under supervision of a department faculty member, in an area in which the student has already completed basic coursework and an elective and that extends the student's knowledge beyond regularly offered courses.

*Prerequisite:* consent of instructor & Economics 301 and Economics 302 and at least one 300-level or 400-level elective in the Business Theme.

1 unit

#### **EC429** Independent Study in Economics

A project normally organized around preparation of a substantial paper or project. Proposed and carried out at student initiative, under supervision of a department faculty member, in an area in which the student has already completed basic coursework and an elective and that extends the student's knowledge beyond regularly offered courses.

*Prerequisite:* consent of instructor & Economics 301; Economics 302; and at least one 300-level or 400-level Economics elective.

1 unit

#### **EC430** Senior Thesis in Economics: Business Focus

Students produce original research under the personal supervision of an assigned faculty member, who normally advises no more than six thesis students.

*Prerequisite:* Economics 205, Economics 301, Economics 302, Economics 303; and any 300 or 400 level elective in the Business Theme, senior standing.

2 units — Acri, Johnson, Kapuria-Foreman, Mann

#### **EC455** Advanced Topics in Microeconomics

Selected topics, with content and emphasis developed by the instructor.

*Prerequisite:* consent of instructor & Economics 301, Economics 302 and at least one 300-level Economics elective.

1 unit

#### **EC456** Directed Readings in Microeconomics

Student readings of works selected by a faculty member on a common problem not covered directly by regular courses. Intensive research, writing, discussion, and oral reporting of ideas related to the assigned readings. Independent student work and initiative. May be taught as an extended yearlong course.

*Prerequisite:* consent of instructor & 301; 302; at least one 300-level course in Microeconomics Theme; junior standing in Economics, International Political Economy or Mathematical Economics major.

1 unit

#### **EC458** Independent Study in Microeconomics

A project normally organized around preparation of a substantial paper or project. Proposed and carried out at student initiative, under supervision of a department faculty member, in an area in which the student has already completed basic coursework and an elective and that

extends the student's knowledge beyond regularly offered courses.

*Prerequisite:* consent of instructor & Economics 301, Economics 302 at least one 300-level or 400-level elective in the Microeconomics Theme.

1 unit

#### **EC460** Senior Thesis in Economics: Microeconomics Focus

Students produce original research under the personal supervision of an assigned faculty member, who normally advises no more than six thesis students.

*Prerequisite:* Economics 301, Economics 302; Economics 303; and one 300 or 400 level electives in the Microeconomics Theme, senior standing.

2 units — Fenn, Hoel, Johnson, Miller-Stevens

#### **EC470** Seminar in International Political Economy

Students produce original research under the personal supervision of an assigned faculty member. (Not offered 2020-21).

*Prerequisite:* Economics 301, Economics 302, Economics 375 or Political Science 275, and any 300-level International Political Economy elective.

1 unit

#### **EC485** Advanced Topics in Macroeconomics

Selected topics, with content and emphasis developed by the instructor. (Not offered 2020-21).

*Prerequisite:* consent of instructor & Economics 302, Economics 302 and at least one 300-level Economics elective.

1 unit

#### **EC486** Directed Readings in Macroeconomics/International Economics

Student readings of works selected by a faculty member on a common problem not covered directly by regular courses. Intensive research, writing, discussion, and oral reporting of ideas related to the assigned readings. Independent student work and initiative. May be taught as an extended yearlong course.

*Prerequisite:* consent of instructor & 301; 302; at least one 300-level course in Macroeconomics/International Theme; junior standing in Economics, International Political Economy or Mathematical Economics major.

1 unit

#### **EC486** Directed Readings in Macroeconomics/International Economics

Student readings of works selected by a faculty member on a common problem not covered directly by regular courses. Intensive research, writing, discussion, and oral reporting of



ideas related to the assigned readings. Independent student work and initiative. May be taught as an extended yearlong course.

*Prerequisite:* consent of instructor & 301; 302; at least one 300-level course in Macroeconomics/International Theme; junior standing in Economics, International Political Economy or Mathematical Economics major.

1 unit

#### **EC488** Independent Study in Macroeconomics/International Economics

A project normally organized around preparation of a substantial paper or project. Proposed and carried out at student initiative, under supervision of a department faculty member, in an area in which the student has already completed basic coursework and an elective and that extends the student's knowledge beyond regularly offered courses.

*Prerequisite:* consent of instructor & Economics 301, Economics 302; one 300 or 400 level elective in the Macroeconomics/International Theme.

1 unit

#### **EC490** Senior Thesis in Economics: Macroeconomics/International Focus

Students produce original research under the personal supervision of an assigned faculty member, who normally advises no more than six thesis students.

*Prerequisite:* Economics 301, Economics 302, Economics 303; one elective in the Macroeconomics/International Theme.

2 units — Batmaz, Geremew, Johnson, Kapuria-Foreman

#### **EC492** Joint Faculty/Student Research in Economics and Business

Cooperation between advanced students and faculty on an individual basis to jointly pursue research on a selected topic. The student will be responsible for a share of the research, discussion of the findings and significance, and preparation of a paper reflecting the procedures and findings of the investigation. May be taught as an extended year-long course.

*Prerequisite:* consent of instructor and at least one 300-level elective in the department.

1 unit

#### **EC493** Tutorial in International Political Economy

Focuses on the economic interactions among countries as nation states to pursue their interests as well as the role of international institutions and multilateral treaties in establishing an international economic regime. Students write a substantial paper exploring some aspect of this interaction, and have considerable freedom in defining their research agenda. (Also listed as PS 470.) (Not offered 2020-21).

*Prerequisite:* consent of instructor & Economics 301, Economics 302, Economics 347 or Economics 377.

1 unit

**EC494** Field Seminar

A travel and research opportunity on selected economics, business or political economy topics intended to provide a learning experience in an off-campus setting. Additional prerequisites determined by the instructor relevant to the selected topic. May involve additional expense \$\$\$\$. Enrollment limit based on resources available for the selected topic. (Not offered 2020-21).

1.5 units

**EC496** Senior Thesis in Mathematical Economics

Students produce original research under the personal supervision of an assigned faculty member, who normally advises no more than six thesis students.

*Prerequisite:* Economics 301; Economics 302; Economics 403; Mathematics 217; 1 elective at 300 or 400 level; Mathematical Economics major; senior standing. .

2 units — Geremew, Redmount

**EC498** Senior Thesis in International Political Economy

Students produce original research under the personal supervision of an assigned faculty member, who normally advises no more than six thesis students.

*Prerequisite:* consent of instructor & Economics 301, & Economics 302; Economics 275 or Political Science 375 Economics 347 or Economics 377; International Political Economy major; senior standing.

2 units

**EC499** Senior Thesis in Economics

Students produce original research under the personal supervision of an assigned faculty member, who normally advises no more than six thesis students.

*Prerequisite:* consent of instructor & Economics 301, Economics 302; Economics 303; and one elective at 300-level or 400-level, Econ elective & senior standing.

2 units

## Education

*Applicable for the 2020-2021 academic year:*

**Education Website (<http://www.coloradocollege.edu/academics/dept/education/>)**

Professor DROSSMAN; Professor TABER; Assistant Professor VALTIERRA (associate chair); Associate Professor WHITAKER (chair); Senior Lecturer STANEC, Lecturer FITZHUGH; Visiting Instructors ARIAS, FREEMAN, GREENE, HANAGAN, ROBERTSON, STOLLER, WALTER.

*Mission:* Alongside our students, we aim to understand ourselves and one another to become better people in an evolving social landscape.

*Core Values:*

- Inclusivity
- Community building
- Collaboration
- Experiential learning
- Reflexive thinking

Perhaps your desire is to become a classroom teacher, here in the United States or abroad. Perhaps you want to deepen your understanding of the social, political and economic influences of education systems. In either case, the Education Department provides an opportunity for you to pursue a ***Colorado educator license***, an ***Education Major or Minor***, a ***Master of Arts in Teaching (with an educator license)***, or a literacy teacher endorsement with the Colorado Department of Education (***Master of Arts in Teaching Dyslexia Specialist Program (DSP)***).

## Major Requirements

The education major is designed for the undergraduate to recognize education as a discipline whose presence is historical, social, political, and economical. Through social inquiry, critical analysis, and community engagement, education majors will examine the central position educational systems occupy in civic functioning.

A student majoring in education must complete a minimum of **11 units**, distributed as described below:

**Category: Foundations in Education (ED101 plus three electives)**

**ONLY ONE UNIT OF FYE OR CC100/120 MAY BE COUNTED TOWARDS THE MAJOR**

- ED101 Introduction to the K-12 Classroom Culture\*
- ED110 Linking Literacy, Language, and Linguistics\*\*\*
- ED120 Practicum in Environmental Education (TREE semester, can be substituted for ED101)
- ED200 Teaching Culturally and Linguistically Diverse Learners\*\*
- ED205 Disability and Society
- ED210 Power of the Arts in Education
- ED211 Critical Perspectives on the U.S. Educational System: 19th Century – Present
- ED213 Engaging the Learner
- ED218 Globalization in Education

ED222/320 Diversity and Equity in Education\*\* (*prerequisite*: ED101 or CC100/120)  
 ED225 Foundations of Environmental Education (TREE semester)  
 ED235 From Multicultural Education to Critical Pedagogy: Civil Rights in the U.S. Public Schools\*\*  
 ED250 Topics: Rural Education\*\*  
 ED250 Topics: Special Education: Disability & Society  
 ED250 Topics: Philosophy of Education (Also PH249)  
 ED255 Urban Education\*\*

***Study Abroad*** unit (*see approved list including TREE Semester, some DIS, Budapest Semester in Math Education, SIT Chile Comparative ED/Social Change, HECUA Inequality in America...*)

\* COURSE REQUIRED FOR ALL MAJORS AND MINORS

\*\* ALL STUDENTS MUST TAKE A COURSE NOTED WITH \*\* TO SATISFY DIVERSITY/EQUITY/MULTICULTURAL EDUCATION REQUIREMENT

\*\*\*REQUIRED FOR ELEMENTARY LICENSURE

**Category: Educational Research (two units)**

ED260 Educational Research Design (*prerequisite*: one class from the foundation category). *This is a two-block course.*

**Category: Psychology (one unit)**

ED311 Educational Psychology (*prerequisite*: COI; ED101 and one class from the foundation category) *Students are strongly encouraged to consult with Dr. Manya Whitaker before taking ED311.*

**Category: Curriculum, Instruction, and Assessment (one unit)**

ED360 Classroom Management (*prerequisite*: ED101 and one class from the foundation category)  
 ED370 Arts Integration: Creating Critical Thinkers and Connected Communities (*prerequisite*: COI; ED101 and one class from the foundation category)  
 ED380 Curriculum and Engaging Pedagogies (*prerequisite*: ED101 and one class from the foundation category)  
 ED385 Environmental Education (*prerequisite*: ED120 and ED225)  
 ED386 Educational Assessment in a Political Context (*prerequisite*: ED101 and one class from the foundation category)

**Category: Instructional Methods (one unit)**

ED477 Culturally Responsive Teaching and Disciplinary Literacy Methods (*prerequisite*: ED101, ED311 *and* COI\*\* OR Master of Arts in Teaching candidate)

\*\*Students must obtain COI no later than first Monday of previous block

**Category: Educational Policy and Reform (one unit)**

ED415 Educational Interventions (*prerequisite*: ED360, ED370, ED380, OR ED385)  
 ED425 Innovations & Social Justice in Public Education (*prerequisite*: ED360, ED370,

ED380, OR ED385)

ED430 Policy and Politics in American Education (*prerequisite*: ED360, ED370, ED380, OR ED385)

ED450 Philosophy of Education (*prerequisite*: ED360, ED370, ED380 OR ED385)

ED455 Education Reform in the 21st Century (*prerequisite*: ED360, ED370, ED380, OR ED385)

### Category: Advanced Research (one unit)

ED490 Advanced Research

\*\*Students must obtain COI no later than first Monday of previous block

## Minor Requirements

### Music Education Requirements

The minor supports students who wish to study the complexities of education ranging from its historical, social, philosophical, and psychological bases to modern-day issues and applications. Students are advised to consult early with the education faculty to develop a pathway of coursework in a particular area of interest, especially if the interest is in earning Colorado teaching credentials.

A student minoring in education must complete **five units** from the following categories:

**ONLY ONE UNIT OF FYE OR CC100/120 MAY BE COUNTED TOWARDS THE MINOR**

### Category: Foundations in Education (ED101 plus two electives)

ED101 Introduction to K-12 Classroom Culture\*

ED110 Linking Literacy, Language, and Linguistics\*\*\*

ED120 Practicum in Environmental Education (TREE semester, can be substituted for ED101)

ED200 Teaching Culturally and Linguistically Diverse Learners\*\*

ED205 Disability and Society

ED210 Power of the Arts in Education

ED211 Critical Perspectives on the US Educational System: 19<sup>th</sup> Century - Present

ED213 Engaging the Learner

ED218 Globalization in Education

ED222/320 Diversity and Equity in Education\*\* (*prerequisite*: ED101 or CC100/120)

ED225 Foundations of Environmental Education (TREE semester)

ED235 From Multicultural Education to Critical Pedagogy: Civil Rights in the U.S. Public Schools\*\*

ED250 Topics: Rural Education\*\*

ED250 Topics: Special Education: Disability & Society

ED250 Topics: Philosophy of Education (Also PH249)

ED255 Urban Education\*\*

***Study Abroad** unit (see approved list including TREE Semester, some DIS, Budapest Semester in Math Education, SIT Chile Comparative ED/Social Change, HECUA Inequality in America...)*

\* COURSE REQUIRED FOR ALL MAJORS AND MINORS

**\*\* ALL STUDENTS MUST TAKE A COURSE NOTED WITH \*\* TO SATISFY DIVERSITY/EQUITY/MULTICULTURAL EDUCATION REQUIREMENT**

**\*\*\*REQUIRED FOR ELEMENTARY LICENSURE**

**Category: Psychology (one unit)**

ED311 Educational Psychology (*prerequisite*: ED101 AND one additional class from the foundations category). *Students are strongly encouraged to consult with Dr. Manya Whitaker before taking ED311.*

**Selecting the Final Course to Complete the Minor**

**Students in the Teacher Preparation Program:**

If you are a teacher candidate in the Teacher Preparation Program, preparing for either the 9<sup>th</sup> semester program or Master of Arts in Teaching program, then **you must take ED477 Culturally Responsive Teaching and Disciplinary Literacy Methods** as your fifth course to complete the minor.

**Category: Instructional Methods (one unit)**

ED477 Culturally Responsive Teaching and Disciplinary Literacy Methods (*prerequisite*: ED101, ED311 *and* COI\*\* OR Master of Arts in Teaching candidate)

*\*\* Students must obtain COI no later than first Monday of previous block*

**Students Only Wishing to Complete the Minor and Not Interested in Teacher Licensure:**

If you are a student completing the education minor, then you must take one additional course at the 300 level or above.

**Category: Curriculum, Instruction and Assessment/Educational Policy and Reform (one unit)**

ED360 Classroom Management (*prerequisite*: ED101 and one class from the foundation category)

ED370 Arts Integration: Creating Critical Thinkers and Connected Communities (*prerequisite*: ED101 and one class from the foundation category)

ED380 Curriculum and Engaging Pedagogies (*prerequisite*: ED101 and one class from the foundation category)

ED385 Environmental Education (*prerequisite*: ED120, ED225)

ED386 Educational Assessment in a Political Context (*prerequisite*: ED101 and one class from the foundation category)

ED415 Educational Interventions (*prerequisite*: ED101 and one class from the foundation category)

ED425 Innovations & Social Justice in Public Education (*prerequisite*: ED101 and one class from the foundation category)

ED430 Policy and Politics in American Education (*prerequisite*: ED101 and one class from the foundation category)

ED450 Philosophy of Education (*prerequisite*: ED101 and one class from the foundation category)

ED455 Education Reform in the 21st Century (*prerequisite*: ED101 and one class from the foundation category)

# Teacher Preparation Program Requirements

Program Advisor: Debra Yazulla Mortenson, Director of Teacher Educator Programs

Licensure is offered in elementary education (K-6), K-12 art, music, and world languages and secondary (6-12) English, math, science, and social studies. Each program has a content checklist detailing the required coursework necessary to be approved to teach in that discipline. Students wishing to earn an elementary teaching license from Colorado may complete the education major or any other liberal arts major. If you plan to pursue licensure at the K-12 or secondary level, you must major in the content area you plan to teach.

All licensure students must also complete the necessary education foundations, educational psychology, and methods coursework required by the state for licensure. See below for details.

## Licensure Requirements

ED101 Introduction to K-12 Classroom Culture (1.0 unit)

ED110 Linking Literacy, Language, and Linguistics (1.0 unit; required for Elementary Licensure)

One of the following: ED200 Teaching Culturally & Linguistically Diverse Learners, ED222/320 Diversity and Equity in Education, ED235 From Multicultural Education to Critical Pedagogy: Civil Rights in the U.S. Public Schools, ED250 Rural Education or ED255 Urban Education (1.0 unit)

ED311 Educational Psychology (1.0 unit)

ED477 Culturally Responsive Teaching and Disciplinary Literacy Methods (1.0 unit)

ED478 Advanced Methods: Inclusive Pedagogies in Literacy, Curriculum and Instruction (2.0 units)

\*\*Students must obtain COI no later than first Monday of previous block

ED466 Data Driven Instruction for Diverse Learners in the 21st Century (1.0 unit)

ED479 Teacher Candidate Practicum (3.5 to 4.0 units), OR

ED479 Teacher Candidate Practicum (2.0 units) and ED495 Internship in Education: International Teaching (2.0 units)

To be recommended for licensure, students must successfully complete all coursework, pass the appropriate state examination in their content area or grade-level discipline, complete 800 hours of supervised classroom practicum and successfully complete the Teacher Candidate Performance Assessment.

## Teacher Preparation Program Admissions Procedure

Students who wish to pursue Colorado teacher licensure must apply for admission to the Teacher Preparation Program. After entering the college, a student interested in the program should obtain a description of the admission prerequisites, licensure requirements, and application procedure

from the Department of Education. Students should complete their application in spring of their sophomore year or fall of their junior year.

Students will have to submit evidence of fulfilling the following prerequisites for admission: satisfactory completion of ED101: Introduction to K-12 Classroom Culture, which will be evidence of successful observation and participation in a local school classroom; endorsement from the classroom teacher with whom the applicant has interacted; and endorsement from the department chair of the applicant's major field or teaching field. In addition, students must have a cumulative grade point average of at least 3.0 and an average in the major or teaching field of at least 3.2. After receipt of a completed application, candidates will have a personal interview with the Teacher Preparation admissions team, which will include a teaching demonstration. If accepted, students must submit a fingerprint/background check to the Colorado Bureau of Investigation and schedule a time to take the Praxis II content exam relevant to his/her teaching field.

### **Ninth Semester Program**

Students who wish to be licensed at the elementary, K–12, or secondary levels may have difficulty in completing ED479 during the eight semesters of undergraduate coursework. Therefore, the college has established a “Ninth Semester Program” where student teaching can be completed, after graduation, with tuition at a fraction of the cost of a regular semester. Eligible students will have completed their major and teaching licensure requirements except for ED479 (Blocks 1-4) or ED479 (Blocks 1-2) and ED495 (Blocks 3-4). Please see one of the education program advisors in the Department of Education for further information.

## **Master of Arts in Teaching (MAT) Programs**

### **Master of Arts in Teaching Initial Licensure Program**

Colorado College offers a Master of Arts in Teaching Initial Licensure Program with licensure in elementary (K-6), K-12 art, music and world languages and secondary (6-12) English, math, science, and social studies. Descriptions of the schedules and requirements of the MAT program may be obtained from the Department of Education website or Director of Teacher Educator Programs, Debra Yazulla Mortenson.

Teacher candidates are not guaranteed licensure by Colorado College. The teaching license is determined by the State of Colorado. The Colorado College program does satisfy the requirements in many states. Students wishing to teach outside Colorado should consult with the Director of Teacher Educator Programs.

### **Program Requirements**

The MAT for Initial Licensure degree program coursework is approved by the Colorado Department of Education and Colorado Department of Higher Education for meeting requirements of licensure (denoted by an "\*" below). The coursework includes the required 800 hours of field experience. Students may be required to take additional courses in order to meet the 800 hours of field experience. Candidates for the Master of Arts in Teaching Initial License degree program must satisfactorily complete foundation coursework. Candidates who minor in Education at Colorado College may transfer the foundation courses to their graduate program of study.

### Required Foundation Courses\*\*



\*ED511 Independent Study in Education: Early K-12 Field Experience

ED510 Topics in Education: Introduction to the Classroom Culture

ED510 Topics in Education: (variable title in diversity and equity or multicultural education)

ED565 K-12 Applications in Educational Psychology

ED577 Culturally Responsive Teaching and Disciplinary Literacy Methods

\*Course required for students who have less than 60 hours of field experience.

\*\*Students who complete the education minor at Colorado College may meet the foundation course requirement.

Students must satisfactorily complete foundation courses with a minimum 3.0 GPA in order to advance.

### Required Advanced Courses

ED553 Action Research Methods for MAT Candidates

ED562 Numeracy through the Fission and Fusion of Math and Science

ED554 Master's Research

ED566 Data Driven Instruction for Diverse Learners in the 21st Century

ED578 Advanced Methods: Inclusive Pedagogies in Literacy, Curriculum and Instruction

\*\*\*ED579 Teacher Candidate Practicum

\*\*\*Students must receive a grade of B- or better for ED579 and maintain a 3.0 GPA in order to advance in coursework.

ED572 Teacher and Teaching Identities

ED590 Master's Research Paper

ED585 Specialized Internship Placement

### **Master of Arts in Teaching Literacy Specialist Program (LSP)**

The Colorado College MAT Literacy Specialist Program (LSP) is a two-year graduate program to prepare literacy specialists, focused on teaching learners who struggle with reading, including those with dyslexia and related disorders. The LSP is nationally recognized by the International Dyslexia Association, the Academic Language Therapy Association and the International Multisensory Structured Language Education Council. The two-year program is designed for graduate students seeking to learn the most effective, evidence-based strategies for reading instruction. Licensed teachers completing both years of the program can earn Reading Teacher and Reading Specialist endorsements from the Colorado Department of Education. Students interested in the MAT Literacy Specialist Program should contact Debra Yazulla Mortenson, Director of Teacher Educator Programs.

## Culturally and Linguistically Diverse Education Endorsement

The Education Department at Colorado College has recently been approved by the Colorado Department of Education and recommended by the Colorado Department of Higher Education to offer the Culturally and Linguistically Diverse Education endorsement. The endorsement is offered in response to the critical need for Colorado K-12 educators to be effectively prepared to teach all learners. The endorsement was a natural fit as Colorado College's teacher preparation curriculum is built around culturally responsive pedagogy. Equitable access to learning and authentic multicultural education is emphasized in all coursework. Interested students should contact Debra Yazulla Mortenson, Director of Teacher Educator Programs.

In compliance with Title II of the Higher Education Act, the following data for 2018-19 (the most recent reporting year) is provided: 10 students were enrolled (admitted but not yet completed) in the teacher education program and 11 students completed the teacher education program; there were 5 full-time faculty members, and there were 7 supervising faculty for the teacher preparation program. Students participate in supervised student teaching for an average of 40 hours/week for a total of 16 weeks. Students in the MAT program then complete an additional semester-long internship experience. The pass rate of teacher education students on the PRAXIS II content exam was 100 percent.

### Courses

#### Education

##### **ED101** Introduction to K-12 Classroom Culture

This course introduces students to the norms, values, routines, policies and relationships that form the classroom culture in a public school classroom. Students complete at least 30 hours of practicum experiences in cooperation with local school personnel in the Colorado Springs area. Responsibilities vary according to the needs of the school, but emphasis is on individualized help to K-12 students. Coursework explores educational theories and learning environment design and compares and contrasts instructional strategies. Practicum experiences converge with course content to examine the influence of classroom culture on student learning.

1 unit — Greene, Robertson, Taber

##### **ED110** Linking Literacy, Language and Linguistics

In this one-block introductory course, our goal is to explore the science of literacy, language and linguistics and current policy and trends impacting literacy across the U.S. The course is designed to investigate the underlying linguistic structure and historical components of the English language and the need for more effective policy to close the gaps in literacy outcomes. This course is especially beneficial for those working with English Language Learners at home or abroad and for teachers of beginning readers and writers or struggling readers who require targeted or intensive intervention. Topics covered include oral language, structural linguistics, history of the language, dyslexia, assessment, and policy impacting literacy outcomes today. Students will participate in field assignments to observe Certified Academic Language Therapists working in both public and private settings, including

ALLIES, the only Colorado public school for students with dyslexia.

1 unit — Fitzhugh

### **ED120** Practicum in Environmental Education

This course introduces students to the norms, values, routines, policies and relationships that form the school culture of public school students. Students complete at least 60 hours of indoor and outdoor practicum experiences in cooperation with Catamount Center staff and local school personnel. Responsibilities include assisting with outdoor teaching at the Catamount Mountain Campus, and visiting and learning from other experienced environmental educators at their sites. Coursework applies environmental education and learning theories, and compares and contrasts instructional strategies. Practicum experiences converge with course content to examine the influence of school culture on student learning.

*Prerequisite:* consent of department (enrollment in TREE Semester).

1 unit — Drossman

### **ED131** Youth Organizing and Social Change

This is a community based half-block/extended format introductory course. Our goal over half block is to understand the theory of youth organizing and critical pedagogy. Colorado College students will then apply their learning via a partnership with local high school students. Colorado College students will mentor the high school students two afternoons per week throughout the spring semester with the goals of developing critical consciousness, facilitating critical pedagogies, and engaging the students in youth led community-based projects.

1 unit — Popkin, Valtierra

### **ED155** Teaching and Learning Across Communities

In this two-block introductory course, our goal is to understand how teaching and learning are defined and conceptualized differently in different spaces with different people. During the first block, we explore the sociopolitical forces that influence teacher quality, development, selection, demographics, and agency as we consider what it means to be a teacher and engage in the process of teaching. In the second block, we interrogate the process of learning by examining the learning brain, influences on the brain, and the nature of knowledge itself. Students will spend time observing multiple classrooms in diverse settings. Prerequisite: None. 2 units. (Not offered 2020-21).

2 units

### **ED200** Teaching Culturally and Linguistically Diverse Learners

This course introduces students to theories, applications, and issues related to teaching English as a Second Language (ESL) and English Language Learners (ELL). Students read second language acquisition theory and learn strategies for working with diverse populations and for making content area lessons accessible to ESL/ELL students. The course includes a field observation practicum component.

1 unit

**ED205** Disability and Society

This introductory course provides a general overview of a range of disabilities and special education, applicable to both education and non-education majors; analyzing personal, historical, legislative, and societal perspectives on individuals with disabilities in United States society. This course is designed to help students develop a critical awareness of the complexity and diversity of the lives of people with disabilities, their differences and similarities with individuals without disabilities, and the impact of race, ethnicity, gender, and socioeconomic status on the treatment of individuals with disabilities in current society. Students will gain an understanding of the definitions, characteristics, and sociological considerations of various forms of disabilities including cognitive, communicative, physical, social/behavioral, and sensory impairments. Additionally, the historical and legislative aspects of special education and how legal mandates impact educational services for individuals with disabilities in the United States will be explored. Students will be challenged to investigate a current issue related to disability in U.S. society specific to the student's major course of study. Each research investigation will use a small scale qualitative research design to evaluate current approaches and/or advocacy efforts and will propose research-based solutions for overcoming barriers experienced by individuals with disabilities.

1 unit — Robertson

**ED206** Independent Study Practicum

Independent practicum experience that takes place during half-block, semester (extended format), or a single block. The practicum must take place in an institution with an educational focus (e.g., non-school based, informal education program at a museum). Activity varies according to the needs of the placement, but the emphasis is on gaining a deeper understanding of lesson planning and teaching a lesson with the focus on differentiation under the guidance of the placement personnel.

*Prerequisite:* Education 110 and consent of instructor.

.5 to 1 unit

**ED207** Environmental Education:

(Summer only 2020-21).

.5 to 1 unit

**ED208** Outdoor Leadership Institute: Environmental Education

(Summer only 2020-21).

1 unit

**ED210** Power of the Arts in Education

This community-based learning and creative process course explores the rationales for and theories of teaching and learning core curriculum through the arts in public schools, in CC studios and at the Fine Arts Center. Art Studio practices and concepts that emphasize composition, technical skills, and visual literacy will be included as well as approaches to

Museum Education. Students will apply teaching and learning pedagogies to investigate ways of transferring knowledge from one context to another. The class requires a substantial time commitment which includes working in public school classrooms, in the art studio and in the Fine Arts Center Museum. Students participating in this course can accrue 15 K-12 classroom practicum hours towards the education minor or major. Prerequisite: None. 1 unit.

1 unit

**ED211** Critical Perspectives on the US Education System: 19th Century - Present

An introduction to the theories foundational to the practice of educating youth from 1800 U.S. to present. The course explores cognitive, metacognitive, dispositional, pedagogical and mastery learning theories. Students participate in a daily practicum in local schools working with specialists in their fields of interest (K-12), where they apply their theoretical knowledge in practice. Attention is given to challenges in contemporary education including culturally relevant education. (Not offered 2020-21).

1 unit

**ED213** Engaging the Learner

This advanced practicum analyzes pedagogies for involving diverse students in the learning process. By studying theories of knowledge acquisition and positioning them in the context of a local school setting, theoretical justifications will be examined through a socio-cultural lens. Approaches to curriculum design that facilitate active learning will also be explored. (Not offered 2020-21).

*Prerequisite:* Education 101.

1 unit

**ED217** Musical Learning Theories for Teaching K-12 Band and Orchestra Instruments

This course introduces music learning theories foundational to teaching others how to play an instrument in the context of school, private lessons, and informal settings. The course considers how sound is produced, which motor and aural skills enhance instrumental performance, and what teaching methods improve instruction and learning. Students acquire intermediate performance skills on two band instruments and one orchestral instrument. Group practice labs, much like rehearsals, provide opportunities for students to conduct, plan, and present lessons, as well as to experience the complexity of working with multiple instruments in a heterogeneous setting. The course culminates with solo and small ensemble performances. This course is required for K-12 music teaching licensure candidates. Prerequisite: Basic music reading and consent of instructor. 1 unit - Hanagan.

*Prerequisite:* pre-theory music reading and consent of instructor.

1 unit — Hanagan

**ED218** Globalization in Education

Examination of the intersection of globalization and education in light of the processes and forces that impact schooling here and abroad. Consideration of the challenges and opportunities resulting from mass migration, economic realities, technology, and the

growing cultural and ethnic diversity of communities throughout the world. Comparative and interdisciplinary materials explore the implications of globalization for education and the effect of education on globalization. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**ED225** Foundations of Environmental and Sustainability Education.

Environmental and sustainability education focuses on the ecological, economic and social aspects of our interdependence with the natural world. Class discussion and literature analysis address the characteristics and goals of environmental and sustainability education, the evolution of the field of environmental and sustainability education, and fundamental aspects of cognitive and developmental theories as they relate to education. Students begin a course project portfolio that, when completed, meets expectations for environmental education certification from the Colorado Alliance for Environmental Education.

*Prerequisite:* consent of instructor.

1 unit — Arias, Drossman

**ED235** From Multicultural Education to Critical Pedagogy: Civil Rights in the U.S. Public Schools.

This course provides an introduction to multicultural education and critical pedagogy along with the sociopolitical issues surrounding the multicultural context of U.S. schools today. The course begins with the examination of culture as a framework through which our identities are shaped. Students will be prompted to examine culture through their participation in a school setting and engagement with community organizations that represent civil rights in education. Through these experiences, students will critically examine the micro cultures represented in their school placements, including: socio-economic class, ethnicity and race, religion, gender, language, ability, and age. In addition, the acculturation process will be examined, in particular the act of schooling as acculturation. Finally, students will apply multicultural critical pedagogies with youth in the Colorado Springs community. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**ED250** Topics in Education

Selected topics in the study of education. Courses will cover topics not listed in the regular education curriculum and may vary from year to year. This course may be offered as a 0.5 unit extended format or 0.5 unit half-block course or as a 1.00 unit block course.

.5 or 1 unit — Hokanson, Taber

**ED255** Urban Education

In this course, we will explore the context of urban education from both students' and teachers' perspectives. We will investigate where and how urban students live, analyze recurring themes present in urban classrooms, and examine successful strategies for teaching in urban settings. A goal of this course is to move beyond the surface level

discussions to ones that get at some root causes and outcomes associated with analyses of learning contexts such as oppression, marginalization, and inequality. We will answer questions about how issues of class, gender, and race influence what educators and students have the opportunity to learn, teach, and experience in urban contexts Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **ED260** Educational Research Design

The goal of this course is to provide students with the knowledge and skills necessary to critically evaluate educational research. The primary goals of the course are for students to be able to formulate appropriate research questions, consider alternative mixed methods designs including action research and case studies, and address methodological issues associated with working with qualitative and quantitative data. A significant portion of the course is devoted to learning statistical analyses methods using SPSS. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Education 101, Education 210, Education 211, Education 218, Education 222, or Education 255.

2 units — Taber

### **ED311** Educational Psychology

Explores the intersection of developmental psychology and learning theories from early childhood through adolescence. Across the course, the focus is on understanding which developmental milestones facilitate learning, how people learn, and what teachers do to capitalize on students' cognitive and social skills. Issues of development and learning will be discussed with reference to continuity, sources of development, and classroom practices. It is strongly recommended students take this course after ED260 or equivalent research methods course.

*Prerequisite:* consent of instructor & Education 101 and one of the following: Education 210, Education 211, Education 218, Education 222, Education 225, Education 235, or Education 255.

1 unit — Arias

### **ED320** Diversity and Equity in Education

This course is devoted to the critical examination of educational theory, practice, and policy within and across socioeconomic, cultural, and linguistic groups. We will analyze and discuss issues related to educational access and opportunity, curricula, pedagogical methods, and learning outcomes. In discovering the difference between 'equal education' and 'equitable education', we will identify the unique needs of students, structural challenges facing educators, and possible solutions to the inequities of early education, school resources, tracking, and teacher quality, among other variables. Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* CC First Year Foundations 100 (Teaching Across Communities) & CC First Year Foundations 120 (Learning Across Communities) or Education 101.

1 unit — Whitaker

**ED333** Landmark Supreme Court Decisions in Public School Edu

(Summer only 2020-21).

1 unit

**ED340** Introduction to Teaching English as a Second Language

(Summer only 2020-21).

*Prerequisite:* Open to Undergrads & Grads.

1 unit

**ED341** Teaching Linguistically Diverse Students

(Summer only 2020-21).

1 unit

**ED342** Music Education in the Elementary Grades

Basic principles. Aims, activities, methods and materials in the first five grades. Regular observations included. Taught as an alternative format course and must be taken for a full year. (Not offered 2020-21).

1 unit

**ED344** Language and Literacy Acquisition and Assessment for Limited

(Summer only 2020-21).

1 unit

**ED360** Classroom Management

This course will examine traditional classroom management organizational procedures (e.g., classroom organization and daily procedures) as well Multi-tiered Systems of Support (MTSS), Response to Intervention (RtI), and Positive Behavior Intervention Supports (PBIS). Specific focus will explore and utilize principles of Applied Behavior Analysis (ABA) within applied settings in local K-12 public general education classrooms to address common off-task behaviors teachers face. Students will conduct classroom observations, design a classroom support intervention, collect and analyze data, and understand the impact of behavioral principles to make data-based decisions to positively address challenging student behaviors within K-12 general education classrooms.

*Prerequisite:* Declared Education Major or Minor, Education 101 and Education 260.

1 unit — Robertson

**ED370** Arts Integration: Creating Critical Thinkers and Connected Communities



Using teaching methods that involve visual arts, creative dramatics, movement and music allows students to create connections within their communities, cultures and classrooms. This course demonstrates that playing with process and ambiguity leads to more engagement and critical thinking. Students without formal arts experience are encouraged to take the class, as are the artistically inclined who want to learn about interdisciplinary learning. Class includes several afternoons a week in various arts media process-exploration labs as well as teaching in public school classrooms. (Not offered 2020-21).

*Prerequisite:* Education 101 and one of the following: Education 210, Education 211, Education 218, Education 222, Education 225, Education 235, or Education 255 or consent of instructor.

1 unit

### **ED380** Curriculum Theory and Engaging Pedagogies

This advanced curriculum and instruction course is for students interested in how theories of curriculum inform instructional design and delivery in both schools and other contexts. We will critically analyze curricular frameworks for equity, cultural relevance and inclusive practices. In particular, we will unpack theories for their stated and hidden curricula. Students will analyze curriculum models in the field where we will visit schools that subscribe to popular curricular models. Students will apply theories by designing a curriculum for a community partner. (Not offered 2020-21).

*Prerequisite:* Education 101, Education 260.

1 unit

### **ED385** Environmental and Sustainability Education

This advanced course in curriculum, instruction, and assessment builds on foundational knowledge in environmental and sustainability education by focusing on the development and assessment of curriculum that builds environmental literacy through transdisciplinary environmental inquiry. Class discussion, lesson planning, and reflective teaching focus on developing a comprehensive framework that facilitates a broad approach for inquiring about environmental issues and detecting narrowness and bias in the arguments made by others concerning environmental challenges, issues, and problems. Teaching methods specific to environmental and outdoor education are emphasized through a practicum that spans the course. Students complete a course project portfolio that meets expectations for environmental education certification from the Colorado Alliance for Environmental Education.

*Prerequisite:* Education 120 and Education 225.

1 unit — Drossman

### **ED386** Educational Assessment in a Political Context

This course unpacks the many ways administrators, teachers, and students are held accountable for educational outcomes. Grounded in contemporary discourse of high-stakes testing, this course addresses the intersection of educational policies, assessments, and instructional practices. This course is intended for anyone interested in educational policy as well as students interested in becoming classroom teachers. As such, we will examine

assessment at multiple levels including school, programmatic, classroom, teacher and student. (Not offered 2020-21).

*Prerequisite:* Education 101 and Education 260 or consent of instructor.

1 unit

### **ED403** Advanced Independent Study

May be taken in specified blocks. Content arranged and consent of instructor.

1 unit — Valtierra

### **ED415** Educational Interventions

An advanced course for students interested in understanding pedagogical interventions of alternative school programs implemented to mitigate learning in the classroom. The course focuses on the critical examination of in-school and after-school programs that help build the aspirational, navigational, social, cognitive, and linguistic capital critical to the success of the learner. Includes daily fieldwork where students will experience first-hand local programs. (Not offered 2020-21).

*Prerequisite:* Education 370, Education 380, or Education 385.

1 unit

### **ED418** Colloquium:

(Not offered 2020-21).

.25 unit

### **ED425** Innovations & Social Justice in Public Education

This course is designed for Education majors and minors interested in exploring the sociopolitical landscape of the Denver Public Schools (DPS). Students will live in Denver and intern for 2 weeks in select district schools that are granted autonomy in governance and/or curriculum. Building on the internship experience, students will unpack 21st century education innovations through a lens of social justice. Additionally, students will explore the DPS school choice system and engage with an array of stakeholders including youth, teachers, parents/caregivers, community members, activists, school leaders, and district and state representatives. Students will synthesize their learning through a culminating team project that will involve sharing research-based recommendations with hosting schools and guest speakers. This is a community-based learning (CBL) course. (Not offered 2020-21).

*Prerequisite:* Education 370 or Education 380 or Education 385.

1 unit

### **ED430** Policy and Politics in American Education

This course examines political issues in American education, past and present, at the local, state, and national levels. Students will analyze policy-driven ‘hot topics’ and seemingly institutionalized issues in schools including zero tolerance, funding, testing, and teacher

quality. Time will be spent dissecting major educational policies including No Child Left Behind, Individuals with Disabilities Education Act, and the Dream Act. Particular attention will be given to the ways in which educational policies are formulated and to the constituencies and actors involved in the policy process. Emphasis will be placed on how educational policies affect classroom practices and learning outcomes.

*Prerequisite:* Education 370, Education 380 or Education 385.

1 unit — Robertson

### **ED450** Philosophy of Education

This course engages students at the intersection of philosophy and education as an applied area of humanistic inquiry. In doing so, it examines education as a concept and set of concerns central to the discipline of philosophy. It also illuminates how and why philosophy is a robust tool to critically evaluate the policies and methods of teaching, learning, and schooling. The focus of the course is on exposing, excavating, and examining the assumptions made about human nature, knowledge, and society within the context of educational practice. (Not offered 2020-21).

1 unit

### **ED455** Education Reform in the 21st Century

This course investigates recent efforts to reform schools in the age of accountability. With advances in technology, changes in educational leadership, and the United States' declining position in global education, our public school system has adopted dozens of methods to close the racial, economic, and subject-based achievement gaps. We will review popular reformists and their methods including Teach for America, KIPP Academies, and Harlem Children's Zone. In all instances, we will pay close attention to if, how, and for whom these reform efforts are (in)effective. (Not offered 2020-21).

*Prerequisite:* Education 370, Education 375, Education 380 or Education 385.

1 unit

### **ED466** Data Driven Instruction for Diverse Learners in the 21st Century

This course will examine a range of K-12 student assessments from formative to summative assessments as well as interpreting information provided by standardized tests. Monitoring student progress and adjusting instruction based on a variety of well-designed assessments are essential skills for all teachers. Additionally, this course will provide an overview of the laws and protections for students eligible for special education services in public school settings. Topics include special education law, eligibility, ensuring an appropriate IEP, least restrictive environment, discipline, and fostering positive family-school relationships. Then, we will explore a variety of instructional technology tools (e.g., SMART Board; interactive whiteboard; iPad; Kahoot; PollEverywhere; Quizlet; Brain Pop, etc.) to increase student motivation, decrease off-task challenging behaviors, and collect student data (e.g., screen capture; Class DoJo, etc.).

*Prerequisite:* Education 478 and Teacher Licensure Only.

1 unit — Robertson

**ED477** Culturally Responsive Teaching and Disciplinary Literacy Methods

This course is aimed at students interested in teaching in elementary, middle, or high school settings. Building on educational psychology applied to teaching, students develop an understanding of individual learning needs and diverse cultures to ensure the development of an inclusive learning environment. A variety of instructional strategies will be learned to help students develop a deep understanding of cross-curricular disciplinary connections necessary for content literacy development. Multiple methods for assessing and engaging learners will be understood as fundamental in guiding teachers' and learners' decision making.

*Prerequisite:* consent of instructor & Education 101, Education 260, Education 311. Or Master of Arts in Teaching Candidate.

1 unit — Valtierra

**ED478** Advanced Methods: Inclusive Pedagogies in Literacy, Curriculum and Instruction

Building upon prior course work on how people learn, this course will use the specific context of practicum sites to focus students' application of literacy, planning, teaching and assessment. Teacher candidates will continue to explore developmentally effective approaches for meeting diverse students' learning needs. Teacher candidates will analyze and develop curriculum and pedagogy that facilitates learning, while examining the relationship of theory to practice. Specific emphasis placed on Universal Design for Learning, Literacies, Common Core, 21st Century Skills, Integration and Culturally Responsive Teaching. Breakout sessions with content specialists for varying levels and disciplines will deepen teacher candidates' skills in applying theory to practice.

*Prerequisite:* Education 477 and MAT or Teacher Licensure Candidate.

2 units — Valtierra

**ED479** Teacher Candidate Practicum

Students complete the required teacher candidate practicum under the supervision of department staff and certified Colorado educators in the public schools of Colorado Springs and vicinity. Teaching assignments are adapted to needs and plans of individual students. Each teacher candidate attends arranged meetings with his or her college supervisor to discuss teaching experiences.

*Prerequisite:* Enrollment in the education licensure program and completion of EDUCATION: ELEMENTARY TEACHING, EDUCATION: SECONDARY TEACHING, or EDUCATION: K-12 TEACHING major.

3.5 units — Drossman, Whitaker

**ED490** Thesis Writing

Advanced study of a topic chosen by the student, approved by the department, with student research and writing directed by an individual faculty member. Required of all senior Education majors.

*Prerequisite:* Education 260, Education 311.

1 unit — Drossman, Taber, Valtierra

**ED495** Internship in Education

The internship is an opportunity for education students to deeply explore a subfield of education by working full time at a pre-approved site for the entirety of a block. Students will translate theory to practice by applying their knowledge and skills in a professional setting where they will deepen their examination of educational policies and/or practices under the guidance of a site supervisor. While the primary goal of this experience is for students to learn what it means to work in the field of education, the internship should also help students gain a clearer sense of what they still need to learn, while also providing an opportunity to build professional networks. (Not offered 2020-21).

*Prerequisite:* consent of instructor & Declared Education Major or Minor.

.5 to 1 unit

**ED500** Teacher Scholars

This is a variable title/credit course offered by college faculty. (Not offered 2020-21).

.25 to .5 units

**ED504** Let's Dance

(Summer only 2020-21).

.25 to 1 unit

**ED505** Education Theory into Practice

(Summer only 2020-21).

.5 to 1.25 units

**ED508** Internship in International Teaching

Each intern-teacher teaches in either international schools or host-country schools after completing approximately one-half of an internship in Colorado Springs and vicinity. International teaching assignments are adapted to the needs and plans of individual students. Advising, on-going assignments, and debriefing occur at Colorado College. Placements and supervision are arranged in cooperation with established international teaching programs. (Not offered 2020-21).

**ED510** Topics in Education:

This is a variable title/credit course offered by college faculty.

*Prerequisite:* Master of Arts in Teaching Candidate or consent of instructor.

1 unit — Arias, Taber, Whitaker

**ED511** Independent Study in Education

This is a variable title/credit course. Graduate students propose an independent reading or project and select an advisor based on the topic.

.5 to 1 unit

**ED517** The Heart in Education: Reducing Stress and Holistic

(Summer only 2020-21).

*Prerequisite:* Teachers Only.

1 unit

**ED519** Secondary Arts Education Issues

(Summer only 2020-21).

.25 unit

**ED522** Education Theory into Practice

(Summer only 2020-21).

1 unit

**ED523** Teaching East Asia

(Summer only 2020-21).

.25 unit

**ED532** Latin Teaching Methods

(Summer only 2020-21).

*Prerequisite:* Experienced Teachers.

1 unit

**ED540** The Science of Literacy and Linguistics

(Not offered 2020-21).

*Prerequisite:* Master of Arts in Teaching Candidate or Consent of Instructor.

.75 units

**ED541** Introduction to Literacy Intervention

This intensive course focuses on multisensory strategies for reading and spelling. It is designed to enhance teaching abilities for those who work with struggling readers, including those with dyslexia. Teachers will be trained in a specific research-based program for intervention use. Teachers will receive personal support and feedback. (Not offered 2020-21).

*Prerequisite:* Education 540.

.75 units

### **ED542** Literacy Seminar 1

This extended format course consists of three day-long seminars. Students learn more advanced strategies for reading and spelling instruction. Additional curricular demonstrations and sharing of practicum work is part of each seminar.

*Prerequisite:* Education 541.

.5 unit — Fitzhugh

### **ED543** Literacy Seminar 2

This extended format course consists of three day-long seminars. Students continue work from Literacy Seminar 1. Additional curricular and sharing of practicum work is part of each seminar.

*Prerequisite:* Education 542.

.5 unit — Fitzhugh

### **ED544** Advanced Literacy Intervention

This course advances teaching abilities of learners who struggle with literacy, including dyslexia. The course includes advanced research-based reading instruction and continued training in specific research-based programs for intervention use. (Not offered 2020-21).

*Prerequisite:* consent of instructor & Education 543 and Education 563.

.5 unit

### **ED545** Administering and Interpreting Academic Assessments

This course provides a comprehensive research-based view of academic assessments. Students become familiar with the characteristics of learning disabilities and coexisting disorders, gain an overview of statistical concepts, and learn the basic theories of assessment. The course includes a practicum experience administering academic assessments. (Not offered 2020-21).

*Prerequisite:* Education 544.

.5 unit

### **ED546** Advanced Literacy Seminar 1

This extended format course consists of three day-long seminars covering advanced topics and focuses on the most advanced layers of the English language, including Latin roots. Additional curricular demonstrations and sharing of practicum work is part of each seminar. Additional relevant topics are presented.

*Prerequisite:* Education 545.

.5 unit — Fitzhugh

**ED547** Advanced Literacy Seminar 2

This extended format course consists of three day-long seminars that continue to focus on the Latin layer of language while introducing the Greek layer of language. Additional curricular demonstrations and sharing of practicum work is part of each seminar. Teachers are expected to make presentations on various reading intervention programs.

*Prerequisite:* Education 546.

.5 unit — Fitzhugh

**ED550** Conducting Literary Research

This class provides graduate students with a logical roadmap, from exploring a topic of interest through literary research methods to developing a research question and organizing and synthesizing gathered information into a defensible argument. Students complete a research prospectus by the end of the course. (Not offered 2020-21).

.5 to 1 unit

**ED552** Masters Research Paper for Experienced Teacher MAT's

(Summer only 2020-21).

.5 to 1 unit

**ED553** Action Research Methods for MAT Candidates

This course explores action research methods within school contexts. Along with course meetings, field experiences in the summer Gifted and Talented Plus program allow students to translate theory to practice. By the end of the course, MAT candidates will be able to synthesize action research methods with planning and instruction.

*Prerequisite:* Education 477 or Master of Arts in Teaching Candidate.

1 unit — Whitaker

**ED554** Master's Research

Preliminary and continued work on the candidate's master's research in consultation with the candidate's research advisor. The course may be repeated in subsequent terms

*Prerequisite:* Master of Arts Teaching Candidate.

.5 unit — Drossman, Robertson, Taber, Valtierra

**ED560** Educational Psychology for New Teachers

(Summer only 2020-21).

*Prerequisite:* MAT.



.25 to 1 unit

**ED561** Overcoming Barriers to Literacy

(Summer only 2020-21).

1 to 2 units

**ED562** Numeracy through the Fission and Fusion of Math and Science

This course will explore concepts of numeracy and inquiry-based learning in the teaching profession. Students will explore the relationships between classroom management, interactive lesson structures and expectations of 21st century math and science. Prerequisite MAT. .5 unit, extended format

*Prerequisite:* MAT.

.5 unit — Comstock, Hobbs

**ED563** Literacy Practicum 1

Teachers receive clinical supervision for 4 months during the fall to include a minimum of 50 hours of instruction in the program and responses to two to three observations (submitted by video or in person observation by a certified supervisor).

*Prerequisite:* Education 541.

1 unit — Fitzhugh

**ED564** Literacy Practicum 2

Teachers receive continued clinical supervision for 4 months during the fall to include a minimum of 50 hours of instruction in the program and responses to two to three observations (submitted by video or in person observation by a certified supervisor).

*Prerequisite:* Education 563.

1 unit — Fitzhugh

**ED565** K-12 Applications of Educational Psychology

(Summer only 2020-21).

*Prerequisite:* MAT.

.25 to 1 unit

**ED566** Data Driven Instruction for Diverse Learners in the 21st Century

This course will examine a range of K-12 student assessments from formative to summative assessments as well as interpreting information provided by standardized tests. Monitoring student progress and adjusting instruction based on a variety of well-designed assessments are essential skills for all teachers. Additionally, this course will provide an overview of the laws and protections for students eligible for special education services in public school

settings. Topics include special education law, eligibility, ensuring an appropriate IEP, least restrictive environment, discipline, and fostering positive family-school relationships. Then, we will explore a variety of instructional technology tools (e.g., SMART Board; interactive whiteboard; iPad; Kahoot; PollEverywhere; Quizlet; Brain Pop, etc.) to increase student motivation, decrease off-task challenging behaviors, and collect student data (e.g., screen capture; Class DoJo, etc.). Prerequisite MAT. 1 unit

*Prerequisite:* MAT.

1 unit — Robertson

### **ED572** Teacher and Teaching Identities

This course is designed to ensure teacher candidates understand why culturally responsive pedagogy is necessary in U.S. public schools. By taking an intersectional approach to identity development, we will examine how many aspects of students' identities combine to create learners with unique needs. Though we will discuss identity development in relation to common demographic markers (e.g., economic, racial, linguistic, etc.), the lens will not be on students, but on ourselves. The primary goal of this course is for teacher candidates to recognize their own cultural identity and identify how it affects pedagogical choices and practices, both implicitly and explicitly.

*Prerequisite:* Open to M.A.T. candidates only.

1 unit — Arias

### **ED573** Advanced Literacy Practicum 1

Teachers will receive clinical supervision for 4 months to include a minimum of 100 hours of instruction in program and two to three observations (submitted by video or in person observation by a certified supervisor). Supervision of all clinical teaching hours is included.

*Prerequisite:* Education 545.

1 unit — Fitzhugh

### **ED574** Advanced Literacy Practicum 2

Teachers receive continued clinical supervision for 4 months to include a minimum of 100 hours of instruction in program and two to three observations. Supervision of all clinical teaching hours is included.

*Prerequisite:* Education 573.

1 unit — Fitzhugh

### **ED577** Culturally Responsive Teaching and Disciplinary Literacy

1 unit — Valtierra

### **ED578** Advanced Methods: Inclusive Pedagogies in Literacy Curriculum, and Instruction

Teacher candidates will design and deliver comprehensive curriculum and instruction to facilitate optimal learning in their area of licensure. Classroom climate, literacy

development, cultural relevance, praxis, assessment, unit design, differentiation and inclusive pedagogies are featured. Candidates will apply emphasized skills to develop their Masters Research prospectus. Requires a half-day practicum.

*Prerequisite:* Education 477 and Master of Arts in Teaching Candidate.

2 units — Valtierra

### **ED579** Teacher Candidate Practicum for MATs

Master of Arts in Teaching candidates complete the required teacher candidate practicum under the supervision of department staff and certified Colorado educators in the public schools of Colorado Springs and vicinity. Teaching assignments are adapted to needs and plans of individual students. Each teacher candidate attends arranged meetings with his or her college supervisor to discuss teaching experiences. Masters Research is conducted in context of the practicum.

*Prerequisite:* MAT candidates only enrolled in the licensure program for completion of elementary, secondary, or k-12 teaching licensure requirements.

3.5 units — Drossman

### **ED580** School Teaching Fellowship

Full-time teaching in an elementary, secondary or K-12 classroom in Colorado Springs and vicinity. Master of Arts in Teaching Candidates only. (Not offered 2020-21).

*Prerequisite:* Education 579. 1 to 4 units. Pass/Fail Only.

1 to 4 units

### **ED585** Specialized Internship in a Community Setting

Internship in a specialized placement with a community partner that matches an MAT candidate's research or teaching interest. MAT candidates engage in discussions with the community partner throughout the program, and then spend at least four weeks in an internship, applying their education skills in a project-based learning approach.

*Prerequisite:* MAT Candidates Only.

1 unit — Robertson

### **ED590** Masters Research Paper

Advanced work on completing the Master's thesis. Candidates publicly defend their research as part of the overall grade for the class.

*Prerequisite:* Master of Arts in Teaching Candidates.

.5 unit — Drossman, Robertson, Taber, Valtierra

### **ED591** Mathematics for Teaching Numeracy

(Summer only 2020-21).

.5 unit

### **ED595** International Student Teaching

Student teaching abroad, either in international schools or in host country schools. International student teaching assignments are adapted to needs and plans of individual students. Advising, ongoing assignments, and debriefing occur at Colorado College. Placements and supervision are arranged in cooperation with established international student teaching programs. (Not offered 2020-21).

*Prerequisite:* Education 579.

2 units

### **ED599** Master's Research Defense

This is an extended format class. In seminar style, MAT candidates prepare their action research papers for defense in front of faculty in order to meet requirements for the degree Master of Arts in Teaching. (Not offered 2020-21).

*Prerequisite:* MAT Candidates Only.

.25 unit

## **English**

*Applicable for the 2020-2021 academic year.*

**English Website** (<http://www.coloradocollege.edu/academics/dept/english/>)

Professors BUTTE, GARCIA, HILBERRY, LOVE (associate chair), SARCHETT; Associate Professors EVITT, HAYWARD (chair), RICHMAN; Assistant Professors GOLDBERG (on sabbatical Spring), ISLAM, LO, MARSHALL, PULLEY; Adjunct Associate Professor HUGHES; Visiting Instructor ROLLINS.

## **Major Requirements**

### **Literature Track**

A student majoring in English on the literature track must satisfactorily complete at least 11 units. Students may use single courses to fulfill two requirements in the major in categories 2 and 3. Courses taken outside the English Department may count as electives towards the major with the consent of the English Department Curriculum Committee.

1. Gateway courses (2 units, both required):
  - a. EN221 Introduction to Poetry
  - b. EN250 Introduction to Literary Theory
2. Foundations and Transformations courses (3 units, 1 unit of each required; 1 out of 3 must be taken at the 300 or 400 level; may be taken outside the Department of English):
  - a. Western Tradition: Bible as Literature, Dante's "Divine Comedy," Greek Drama, History of the English Language, Homer, Shakespeare (list is not comprehensive)

- b. American Ethnic Minority Literature: a course in African-American, Asian-American, Latinx, and/or Native American writers.
  - c. Anglophone and Other National Literatures: Caribbean Literature, Postcolonial Literature, African Literature, literature courses in Classics, French, German, Italian, Japanese, Russian, Spanish (in translation or in the original language—list is not comprehensive)
3. Historical Period courses (4 units, 4 out of 5 required; 3 out of 4 must be taken at the 300 or 400 level):
- a. Medieval/Renaissance (excluding Shakespeare)
  - b. Shakespeare
  - c. 18th Century
  - d. 19th Century
  - e. 20th and 21st Centuries
4. Electives (3 units, required, at any level): courses in literature/creative writing, any topic/genre at any level. Up to two units may be in creative writing. One unit may be fulfilled outside the English Department with the consent of the English Department Curriculum Committee.
5. Junior/Senior Sequence (2 or 3 units, required):
- a. EN399 Junior Seminar (1 unit; this requirement may be fulfilled simultaneously with ONE requirement in groups 2 or 3).
  - b. Senior Sequence (2 units): EN480 Senior Seminar followed by EN499 Independent Thesis (2 units: either a 2-block senior seminar or a 1-block senior seminar followed by EN499 Independent Thesis).

Students may use no more than two units of summer independent reading toward major requirements.

Distinction in English is awarded at graduation to senior majors who have done outstanding work in the department.

### **Requirements Checklist**

### **Creative Writing Track**

A student majoring in English on the Creative Writing Track must satisfactorily complete at least 11 units. Students on the Creative Writing track may use a single course to fulfill more than one requirement in the major in categories 2 and 3.

- 1. Gateway courses (2 units, both required):
  - a. EN221 Introduction to Poetry
  - b. EN250 Introduction to Literary Theory
- 2. Foundations and Transformations courses (3 units, 1 unit of each required; 1 out of 3 must be taken at the 300 or 400 level; may be taken outside the English Department):
  - a. Western Tradition: FYE EN203: Tradition and Change in Literature, Intro to Comp Lit (CO100), Bible as Literature, Dante's "Divine Comedy," Greek Drama, History of the English Language, Homer, Shakespeare (list is not comprehensive)
  - b. American Ethnic Minority Literature: courses in African-American, Asian-American, Latinx, and/or Native American writers.
  - c. Anglophone and Other National Literatures: Caribbean Literature, Postcolonial Literature, African Literature, literature courses in Classics, French, German, Italian, Japanese, Russian, Spanish (in translation or in the original language; list is not

- comprehensive)
3. Historical Period courses (4 units, 4 out of 5 required; 3 out of 4 must be taken at the 300 or 400 level):
    - a. Medieval/Renaissance (excluding Shakespeare)
    - b. Shakespeare
    - c. 18<sup>th</sup> Century
    - d. 19<sup>th</sup> Century
    - e. 20<sup>th</sup> and 21<sup>st</sup> Centuries
  4. Creative Writing Sequence (5 units, all required)
    - a. Beginning Poetry or Fiction Writing or Beginning Creative Nonfiction (1 unit)
    - b. Advanced Poetry or Fiction or Advanced Hybrid Workshop (1 unit)
    - c. Senior Seminar and Senior Project in either poetry or fiction, or in the form of a hybrid Seminar/Project (2 units)
    - d. Elective: One creative writing elective or an elective in another art discipline (e.g., studio art, screenwriting, photography, theater, dance, filmmaking; the course must involve the practice – not strictly the analysis – of another medium) (1 unit)

### **Creative Writing Track Declaration Form**

#### **Requirements Checklist**

Students may use no more than two units of summer independent reading toward major requirements.

Distinction in English: Creative Writing is awarded at graduation to senior majors who have done outstanding academic work in department courses, including the senior project.

### **Film Track**

The focus of film in the English Department is narrative film studies and narrative filmmaking (including documentary filmmaking), with a strong foundation in literary study. Understanding character and story in Shakespeare and Dickens prepares students to understand character and story in “Citizen Kane,” and in their own filmmaking. Film track majors benefit from a strong introduction to film studies as an intellectual discipline, based in an understanding of film history and theory, and developed in courses in narrative film like Hitchcock, The Western, and Film Noir.

A student majoring in English on the Film Track must satisfactorily complete at least 13 units. Students on the Film track may fulfill more than one requirement in the major with single courses; see details below.

1. Gateway courses (4 units, all required):
 

English:

  - a. EN221 Introduction to Poetry
  - b. EN250 Introduction to Literary Theory

Film:

  - c. FS215 Introduction to Film Studies
  - d. FS212: Basic Filmmaking or FS240: Directing the Fiction Film or FS260: Documentary Form and Filmmaking
2. Foundations and Transformations courses (3 units at any level, 1 unit of each required; may be fulfilled simultaneously with requirements in groups 3 and 4; may be taken outside the English Department/Film Studies Program):

- a. Western Tradition: FYE EN203: Tradition and Change in Literature, Intro to Comp Lit (CO100), Bible as Literature, Dante's "Divine Comedy," Greek Drama, History of the English Language, Homer, Shakespeare (list is not comprehensive)
  - b. American Ethnic Minority Literature: courses (including film courses) in African-American, Asian-American, Native American, Latino/a literature
  - c. Anglophone and Other National Literatures: courses (including film courses) in Caribbean, Postcolonial, African, Classical, French, German, Italian, Japanese, Russian, Spanish literature (in translation or in the original language; list is not comprehensive)
3. Historical Periods in Literature courses (3 units required; 2 out of 3 must be taken at the 300 or 400 level; may be fulfilled simultaneously with requirements in group 2):
- a. Shakespeare (required)
- Two out of the following three:
- b. Medieval/Renaissance (excluding Shakespeare)
  - c. 18<sup>th</sup> Century
  - d. 19<sup>th</sup> Century
4. Film Studies courses (3 units required; electives may be fulfilled simultaneously with requirements in group 2)
- a. FS315: Film History and Theory (required)
  - b. Film electives (2 units; may overlap with group 2)
    - i. Film topics classes (e.g. The Western, Hitchcock, Film Noir)
    - ii. Filmmaking classes (e.g. Screenwriting, Advanced Filmmaking)
5. Senior Sequence (2 units minimum):
- a. EN480 (2 units) with a film component (prerequisite: EN399) OR
  - b. EN480 (1 unit) and EN499: Independent critical film study (prerequisite: EN399)

### **Requirements Checklist**

Students may use no more than two units of summer independent reading toward major requirements.

Distinction in English: Film Studies is awarded at graduation to senior majors who have done outstanding work in the department.

## **Minor Requirements**

### **English Minor**

#### **Requirements**

- Two units required:
  - EN 221: Introduction to Poetry
  - EN 250: Introduction to Literary Theory
- Two units required: One from each below; one may be 200-level.
  - Literature before 1700: Medieval, Renaissance, Shakespeare
  - Literature 1700-1900: 18th Century, Romanticism, 19th Century
- One elective: Any English course at any level.

### **Film Studies Minor**

## Overview

Film studies is a program administered by the Department of English. The program offers a minor to students with an interest in film and video in addition to their major. The orientation is eclectic and aesthetic, the study of cinema as an art, whatever the genre (narrative, documentary, animation, experimental) or mode of presentation (theater, television, internet). The curriculum is enriched by faculty in other departments and by visiting scholars, filmmakers, and screenwriters.

## Requirements

I. Two core courses:

- FM101: Introduction to Film Studies
- FM102: Basic Filmmaking

II. One additional unit in film history/criticism:

- FM300: Film History and Theory
- FM200: Topics in Film Genre and History
- FM305: Advanced Topics in Film and Media Studies

III. One additional unit in filmmaking

- FM302: Advanced Filmmaking
- FM210: Topics in Filmmaking
- FM202: Screenwriting or
- FM310: Advanced Topics in Filmmaking.

Any two additional Film Studies units, not to include more than one unit of independent study.

## Courses

### English

#### **EN104** Cross-Genre Writing Workshop

This high-energy workshop allows creative writers to try their hands at a range of styles. From prose to spoken word to plays, we will explore across genres, building a tool box of literary adventure. (Summer only 2020-21).

*Prerequisite:* Pre college course.

.25 to 1 unit

#### **EN200** Drama Away: Edinburgh, Performing Renaissance Drama

(Summer only 2020-21).

1.5 units

#### **EN201** Introduction to Literature



The forms of literary expression and experience; the purposes of literature; the relationship between form and content, and genre and theme; the differences between poetry and prose; the approaches to meanings in texts; the analysis of how a work can be both universal and a product of a particular historical period and society. Emphasis on Western tradition, with readings from antiquity to the modern age. (Not offered 2020-21).

1 to 2 units

### **EN203** Tradition and Change in Literature

The study of a single theme or subject as it emerges in selected periods of literature, chiefly English and American, from the Renaissance to the 20th century. Attention will be directed toward the Classical and Medieval origins of texts and traditions. The historical periods and the subjects will vary from section to section and from year to year. The focus will be upon such themes and subjects as nature, cities, love, oppression, satire, the epic, narrative, and critical tradition and revolt. (Not offered 2020-21).

1 to 2 units

### **EN205** Study of Genre

Examines a single literary genre or mode such as pastoral, epistle, romance, tragedy, or satire within and across a range of historical periods and cultural and national contexts. May include related theoretical and critical readings. (Not offered 2020-21).

1 unit

### **EN207** Masterpieces of Literature: Greeks to Modern

Major works of literature by authors from antiquity to modern times, including Homer, Greek dramatists, Dante, Shakespeare and selected authors from later periods. (Offered in some years with Writing Intensive.) (Not offered 2020-21).

1 to 2 units

### **EN211** Reading Fiction

An introduction to reading (or interpreting) narrative fiction. (Offered in some years as Writing Intensive.)

1 unit

### **EN214** Summer Independent Reading:

.75 to 1 unit

### **EN215** Creativity: Theory and Practice

Examines creativity from both a theoretical and a practical standpoint. The course is divided into three sections. The first explores theoretical material on creativity as an individual process and practical exercises on generating creative material. The second examines creativity as a product of social groups, especially as this relates to the issue of 'craft'. The third focuses on creativity as it is tied to particular times and places and practical issues of

making creative products public. (Not offered 2020-21).

1 unit

**EN219** Elizabeth Bishop's Brazil (in Brazil)

(Summer only 2020-21).

*Prerequisite:* 1/2 week at Baca & 4 weeks in Brazil. Program Fee: \$3,500.

1.5 units

**EN221** Introduction to Poetry

Introduction to close reading of poetry through a wide range of poems. Students will learn the terminology and techniques used to analyze poetry and employ these in readings of poems, and will become familiar with a variety of poetic forms and traditions.

1 unit — Goldberg, Love, Richman

**EN223** The Bible as Literature

The Bible considered as one of the great literary works of the Western world and, in the King James translation, a masterpiece of English prose. Emphasis on its narrative structure, its characterization, and the beauty and power of its language, with some attention to its influence on later works of literature. (Not offered 2020-21).

1 unit

**EN225** Introduction to Shakespeare

An introduction to Shakespeare's dramatic works through four to seven representative plays

1 unit — Evitt, Love

**EN230** Introduction to Literature and Environment

An introduction to environmental literature, through genres such as nature writing, memoir, climate fiction (cli-fi), and topics such as wilderness, apocalypticism, climate change, and environmental justice. (Not offered 2020-21).

1 unit

**EN240** Disability, Literature and Culture

The early modern era introduced and heightened critical debates on identity, medicine, and the human body that resonate in contemporary society. This course will focus on the discussions around the notion of disability and its representation, purpose, and function in literature and film by looking specifically at the theoretical writings of prominent scholars of the new Critical Disability Studies paradigm. Taking these approaches, the course will then apply such critical frames to texts and films produced over the last 3 centuries.

.5 unit — Richman

**EN248** A Wandering Nest: Travel Literature, Writing and Film

(Summer only 2020-21).

1 unit

**EN250** Introduction to Literary Theory

An introduction to literary theory and criticism. Students will study selected poetry, plays and fiction through leading methods such as New Criticism, Structuralism, Deconstruction, and New Historicism, with attention to such topics as Psychoanalytic, Marxist, Feminist, and Post-Colonial approaches. Students will have the opportunity to develop their own critical approaches.

1 unit — Butte, Davis, Islam

**EN251** Literature by Native American Writers

Provides a broad overview of literature by Native American writers through a range of genres, modes, and media. Builds an indigenous-centered understanding of the literary terrain and evaluates former and current expectations set upon texts by Native American writers by studying the social, cultural, historical, and literary contexts of which each generation of writers/artists have engaged in subtle, sweeping, restorative, and/or even problematic ways. Identifies and studies key concepts, terms, and methods by tracing chronologically themes such as settler colonialism and genocidal trauma; tribal sovereignty and current social issues; and, stereotypes, tropes and modern Native American identity and conflicts of authenticity, as well as survival models of resistance and recovery for Indigenous peoples in literature. 1 unit. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**EN252** Topics in Literature by Native American Writers:

Examines literature by Native American writers through cultural, social, historical, generic, and/or aesthetic lenses. Students will focus on a curated selection of texts by Native American writers in order to identify and study key concepts, terms, methods, and techniques through a concentrated scope. Topics may include, for example, works by Native American writers and artists within specific literary genres or alongside another medium (art, film, etc.). 1 unit. (Not offered 2020-21).

1 unit

**EN253** The Literature of the American Southwest

The literature of the Native Americans, the Spanish, and the Anglos. Readings in transcribed poetry and song, diaries, folk literature, and modern authors such as D. H. Lawrence, Willa Cather, Edward Abbey, Rudolfo Anaya, and Leslie Silko. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**EN259** Lesbian, Gay, Bisexual, Transgender, Queer Literature

Introduces features of what might be called a lesbian, gay, bisexual, transgender, and/or queer literary and theoretical tradition. Uses classical, Renaissance, modern postmodern, and contemporary literature, criticism, and film to examine the complicated status and experience of non-majority sexualities. Considers writers, theorists and activists who have explored the relationships among sexuality, knowledge, and literature, including Plato, Michel Foucault, Oscar Wilde, Shakespeare, Nella Larsen, James Baldwin and Alison Bechdel. (Not offered 2020-21).

1 unit

**EN270** Introduction to Postcolonial Studies

Introduces students to the history, theory, and study of postcolonial literature. We will read literary and theoretical texts from and about the Caribbean, Ireland, Britain, Africa, and India in order to see how postcolonial writers appropriate and retool the English language and its literary forms. We will examine how this writing expresses the dynamics of decolonization and the complexities of postcolonial societies, while also allowing us to consider whether the world we live today is truly postcolonial. (Not offered 2020-21).

1 unit

**EN275** Comics and Graphic Narrative

Explores the history and craft of graphic narrative from the eighteenth century to the contemporary moment. Students will consider how the medium of comics negotiates both visuality and textuality by tracing the role of typography and iconography in the development of graphic narrative from its designation as pop cultural ephemera to high literary and artistic form. Considers writers and theorists such as Roland Barthes, Scott McCloud, W.J.T. Mitchell, Marshall McLuhan, Lynd Ward, Will Eisner, Art Spiegelman, Marjane Satrapi, Daniel Clowes, Chris Ware, Alan Moore, and Alison Bechdel. (Not offered 2020-21).

1 unit

**EN280** Topics in Literature:

Studies in a wide array of cultural, social, historical, generic, and aesthetic topics in British and American literature. Designed for first-year students, sophomores, non-majors, as well as majors.

.5 or 1 unit — Butte, Hughes, Islam, Lo

**EN281** Topics in Literature: 'The Adventures of Huckleberry Finn

In-depth study of one author or one major literary work (Not offered 2020-21).

.5 unit

**EN282** Beginning Poetry Writing

Practice in writing poetry.

*Prerequisite:* consent of instructor & English 221.

1 unit — Marshall

**EN283** Beginning Fiction Writing

Practice in writing prose fiction.

1 unit — Hayward, Pulley

**EN284** Screenwriting

Examines the fundamentals of screenwriting: theme and meaning, structure, narrative, dialogue, character development, and revision. Students will read, analyze, and discuss the screenplays for produced films; develop and pitch their own story ideas; and plan, write, and revise, by the end of the course, a significant screenplay project. (Not offered 2020-21).

1 unit

**EN285** Beginning Creative Nonfiction Writing

Practice writing nonfiction prose with literary, artistic intention. Typical uses include personal essays, biographical profiles, and prose essays dealing with issues in history, science, nature, travel, and culture which employ the narrative tools commonly used by writers of fiction. May be taken instead of EN 280 Literary Journalism, for credit for the thematic minor in Journalism.

1 unit

**EN286** Topics in Creative Writing:

Practice in writing specific genres, both fiction and non-fiction. Topics may include travel writing, autobiography, nature writing, science fiction, detective fiction, and others.

1 unit — Bash, Hilberry, Marshall, Rollins

**EN288** Writing for Performance

Identifies techniques utilized by writers of performance, ranging from slam poets to monologists to playwrights. Script and poem excerpts as well as video and audio samples will serve as the basis for in-class conversations around craft. Students will embark on a series of short solo and group writing exercises, trying their hand at a myriad of performance writing forms. Selected student work of merit will be presented in a final public staged reading. (Not offered 2020-21).

1 unit

**EN290** The Birth of the American Novel

Origins in the New Republic (Charlotte Temple, Wieland, the Last of the Mohicans, Hope Leslie), 19th-century young adulthood (The Blithedale Romance, Adventures of Huckleberry Finn, The American). Historical conditions that nurtured or stymied the development of the novel. Practice in close textual reading. (Not offered 2020-21).

1 unit

**EN298** Representing Identities in Contemporary Fiction

As contemporary writers work towards inventing characters that better represent our diverse world in their fiction, they often must wrestle with constructing identity through and against stereotypes, privilege, overt and indirect racism, objectification, and bias. Even the most valiant attempts for racial, gendered, LGBTQ\*, and able-bodied inclusion in fiction come with concerns and unintended pitfalls, particularly when writers represent bodies that are radically different than their own. Students will read multiple texts, participate in discussions and research, and write responses, essays, and creative experiments in order to begin a discussion on body and identity representation in contemporary fiction. This literature course focuses on craft writing with a heavy writing component; however, there is no creative writing prerequisite. With an emphasis upon close reading, we will begin with a study of character construction and review trends of body representation in literature starting with the early novel before delving into current and ongoing articles and arguments. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Pulley

**EN299** Creative or Literary Practicum

Extended format adjunct (.25 unit per semester or .5 unit per full year). Studies in a wide array of creative writing practice, publishing, or cultural, social, historical, generic, and aesthetic topics in British and American literature. Designed for declared English majors (any track). (Not offered 2020-21).

*Prerequisite:* Declared English major or consent of instructor.

.25 or .5 units

**EN301** Reading the Popular

Textual and historical analysis of 'formula fiction' and popular genres such as romances, Westerns, thrillers, detective stories, horror stories, and science fiction, while also examining traditional ways of distinguishing between 'high art' and the popular. Readings from such authors as Harriet Beecher Stowe, H. G. Wells, Edgar Rice Burroughs, Zane Grey, Margaret Mitchell, Raymond Chandler, Ian Fleming, Stephen King, as well as selected critics and theorists. (Not offered 2020-21).

1 unit

**EN302** History of the English Language: Power and Society in Language

History of the English Language provides an overview of the growth and development of the English language, from its earliest forms through contemporary usages. Students will explore how the English language's sound system, grammar, and vocabulary work. They will learn how these elements have changed over time (from Old English to Middle English to Early Modern English to contemporary English). Class discussions will focus on the social and political events that have influenced linguistic changes in English. Students will consider specifically the impact of invasion, conquest, and colonization on the development of the English language from its earliest forms through its gradual establishment as a global language. The course introduces students to: 1) the sociopolitical contexts for changes within various language systems (including phonology, morphology, graphics, syntax, lexicon, and semantics); 2) how dialects work; 3) the various forms in which English

manifests itself as a global language in the contemporary world. Literary examples will provide the ground for these explorations throughout the course. Units 1. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit

### **EN303** Theories of Teaching Writing

Introduces students to the 19th century and 20th century precedents for current practice in writing instruction at the post-secondary level. Examines the historical roots of post-secondary writing instruction and competing epistemologies driving classroom practices and academic and public visions of the writer, writing, and writing instruction. (Not offered 2020-21).

*Prerequisite:* consent of instructor.

1 unit

### **EN305** Advanced Study of a Genre

In-depth examination of a single literary genre or mode (such as pastoral, epistle, romance, horror, tragedy, or satire) within and across a range of historical periods and cultural and national contexts. Includes theoretical and critical readings. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit

### **EN306** Problems in Literary Theory

Key issues in literary interpretation. Cultural criticism, Marxism, structuralism and deconstruction, feminist theory, ethnic criticism, psychoanalysis, hermeneutics, rhetorical criticism, etc.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Sarchett, Sawyer

### **EN307** Practice in Fiction Writing

This course allows students to keep working on fiction projects outside the regular block courses of the major. Schedule determined in conversation with instructor. (Not offered 2020-21).

*Prerequisite:* English 283 and consent of instructor.

### **EN308** Advanced Poetry Workshop

Writing workshop for experienced writers, with focus on issues of craft in poetry.

*Prerequisite:* consent of instructor & English 282.

1 unit — Rollins

**EN309** Advanced Fiction Workshop

Writing workshop for experienced writers, with focus on issues of craft in fiction.

*Prerequisite:* consent of instructor & English 283.

1 unit — Walsh-Kuitenbrouwer

**EN310** Issues in Medieval Literature:

Selected English and/or Continental literature of the period 400-1500, organized around a specific topic or theme.

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit — Evitt

**EN311** Chaucer's 'Canterbury Tales'

Introduction to Middle English and close reading of selections from The Canterbury Tales

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit — Evitt

**EN312** The Other Chaucer

Introduction to Middle English and close reading of selections from Chaucer's minor poems, including The Book of the Duchess, Troilus and Criseyde, The Legend of Good Women, and Parlement of Fowles. (Not offered 2020-21).

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit

**EN313** Dante's 'Divine Comedy'

Intensive study (in translation) of Dante and his intertexts as context for readings and/or further coursework in later English literature (Chaucer, Shakespeare, Milton, Shelley, Joyce, T. S. Eliot, etc.). (Not offered 2020-21).

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit

**EN320** Issues in Renaissance Literature:

Selected literature of the period 1500-1660, organized around a specific topic or theme. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.



1 unit

**EN321** Renaissance Poetry

Selected poetry of the period 1500-1660 focusing on a single poet (such as Donne or Spenser), a group of poets (such as Donne and the Metaphysicals or Ben Jonson and the Tribe of Ben), or a particular genre of poetry (such as narrative verse, the lyric, pastoral poetry, the sonnet sequence, or satire.) (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN326** Studies in Shakespeare:

Detailed study of one of the following groups: 1) histories, 2) comedies and romances, 3) major tragedies, 4) a number of the works grouped according to a thematic principle. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN328** Renaissance Drama

Tragedies, comedies, and tragi-comedies by Shakespeare's contemporaries. (Not offered 2020-21).

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit

**EN329** Milton

Major poetry and selected prose of John Milton, with particular emphasis on Paradise Lost. (Not offered 2020-21).

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit

**EN330** Advanced Topics in Literature and Environment

Key issues in ecocriticism and/or the environmental humanities through the sustained study of a particular genre or mode, or in a particular historical period. Includes theoretical and critical readings. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit

**EN350** Issues in Literature of the Long 18th Century:

Selected British (and occasionally some American) literature of the period 1660-1830,

organized around a specific topic or theme.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Richman

### **EN352** 18th-Century British Novel

Examines the origins of the British novel as literary and cultural form from the late 17th century through the early 19th century. Emphasis on one or several of the following critical issues: the epistolary novel, satire, spiritual narrative, representations of gender, imperialism and colonialism, and narrative theory. Authors may include Haywood, Behn, Defoe, Fielding, Richardson, Burney, Smollett, Sterne, Mackenzie, Smith, Edgeworth, and Austen. (Not offered 2020-21).

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit

### **EN360** Issues in British Romanticism:

Selected literature of the period 1780-1830, organized around a specific Romantic-era topic or theme. (Not offered 2020-21).

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit

### **EN362** British Romantic Fiction

Examines the novel from 1780 to 1830. Authors may include Godwin, Smith, Radcliffe, Lewis, Wollstonecraft, Edgeworth, Austen, Shelley, Hogg, and Scott. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit

### **EN365** British Romantic Poetry

Principal works of selected Romantic-era poets, such as Wordsworth, Coleridge, Blake, Smith, Barbauld, Burns, Robinson, Byron, Keats, the Shelleys, Hemans, and Clare, with attention to formal, critical, and historical issues. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

### **EN370** Issues in 19th-Century Literature

Selected fiction, poetry, and non-fiction prose which looks at a problem or theme in 19th-century British and/or American literature such as narratives of identity, archetypes of city and nature, the politics of genre, comparisons of British and American culture, and the nature of literary periods themselves.

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit — Richman, Tallent

**EN371** 19th Century British Poetry

Selected works by poets writing after 1830, such as Tennyson, Browning, Arnold, the Rossetis, Hopkins, with attention to formal and historical issues. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

.5 to 1 unit

**EN372** 19th-Century British Novel

The novel in Britain 1815-1914, with emphasis on such authors as Thackeray, the Brontes, Dickens, George Eliot, Trollope, Hardy, and Conrad. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit

**EN373** Advanced Studies in Postcolonial Literature

Advanced topics course exploring the theoretical and literary issues, questions, and themes raised in the rich literature, culture and theory that emerge as a response to and in contestation of the experiences of the colonial and postcolonial worlds. (Not offered 2020-21).

1 unit

**EN379** Irish Literature

Study of Irish writing through a range of writers such as Swift, Edgeworth, Joyce, Yeats, O'Brien and Heaney. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit

**EN380** Advanced Topics in Literary and Cultural Studies

Studies in a wide array of topics in American and British literature and media.

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit — Hughes, Islam, Lo, Sarchett

**EN381** Major Authors:

In-depth study of one major author, either contemporary or from an earlier period.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Minervini, Richman, Sarchett

**EN382** Studies in 20th-Century Fiction

Selected fiction exploring some aspect of the century's literary and cultural concerns or some particular literary movement. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN383** Studies in 20th-Century Poetry:

Selected poetry exploring some aspect of the century's literary and cultural concerns or some particular poetic movement. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN385** 20th-Century African-American Literature

Readings in black American writers such as W. E. B. Dubois, Ralph Ellison, Nella Larsen, and Rita Dove. Organized around aesthetic and cultural issues such as feminism, the 'anxiety of influence,' pressures of the marketplace, identity politics, and post-modern theory. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN386** James Joyce's 'Ulysses'

A concentrated study of Joyce's masterpiece, using extensive historical, biographical, critical, and theoretical materials. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN387** African-American Women Writers and Literary Tradition

Three centuries of texts by African-American women who have conspired with, rebelled against, and created literary traditions, such as Zora Neale Hurston, Pauline Hopkins, Rita Dove, Andrea Lee, and Nella Larsen.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Rollins

**EN388** Writing for Performance 2

Advanced Students will envision and execute two performance writing projects: one of their own design, and the other an assignment provided by the professor, tailored to their

sensibility. Projects range from one act plays to a series of slam poems to a stand up comedy routine, etc. In-class readings, performances, peer critique, and revision assignments will push us toward a culminating final staged reading of selected projects. (Not offered 2020-21).

*Prerequisite:* Theatre 217 or consent of instructor.

1 unit

### **EN391** Early American Literature

Major and minor works of the colonial period and the early republic by such writers as Edwards, Franklin, Rowlandson, Charles Brockden Brown, Cooper, and Irving.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Goldberg

### **EN394** 19th-Century American Literature

Examines major American authors of the 19th century. Authors may include Sedgwick, Poe, Hawthorne, Melville, Stowe, Twain, Emerson, Dickinson, Thoreau and Whitman. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 to 2 units

### **EN395** American Literature: American Realism 1870-1914

Major works of such authors as Dickinson, Mark Twain, Henry James, Crane, Robinson, Dreiser, Wharton and Henry Adams. (Not offered 2020-21).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

### **EN397** American Literary Modernism, 1914-45

The rise of Modernist literature in the U.S. in relation to its discontents. Writers may include Eliot, Pound, W.C. Williams, Cather, Toomer, Stein, Hemingway, Faulkner, Fitzgerald, Hurston, and O'Neill. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 to 2 units

### **EN398** Contemporary American Fiction

Major works of such authors as O'Connor, Pynchon, Delillo, Carver, Morrison, Wallace and others. (Not offered 2020-21).

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit

**EN399** Junior Seminar

Methodological preparation for advanced work in the literature track. Focus on secondary critical texts in the study of a literary topic or period. Required of junior English literature track majors.

*Prerequisite:* English 221, English 250, junior standing, a declared major in English, and consent of department. May be taken more than once for credit.

1 unit — Evitt, Love

**EN401** Independent Reading

*Prerequisite:* 221 or 250 & Jr/Sr English Major & consent of department.

.5 to 2 units

**EN404** Advanced Summer Independent Reading:

.5 to 2 units

**EN405** Shakespeare in London

(Summer only 2020-21).

1 unit

**EN480** Senior Seminar: Literature

Advanced study of a topic of literary significance. Required of all senior Literature Track English majors and of all senior Film Track English majors. Students taking this course for 1 unit must complete EN499 as well. Students taking this course for 2 units complete their senior theses within the course.

*Prerequisite:* English 399.

1 unit — Islam

**EN481** Senior Seminar: Creative Writing Workshop

Advanced study of creative writing, either fiction or poetry, culminating (after the Senior Project block, EN 485) in a creative thesis such as a collection of short stories, a novella or novel, a collection of poems. Required of all senior Creative Writing English majors.

*Prerequisite:* consent of instructor & English 221 and English 250.

1 unit — Hayward, Marshall, Pulley

**EN485** Senior Project: Creative Writing

Advanced study of a creative writing topic chosen by the student, approved by the department, in which the student completes a creative senior project (either fiction or

poetry) in a workshop setting. Required of all Creative Writing Track seniors.

*Prerequisite:* English 221, English 250 and English 481.

1 unit — Hayward, Marshall, Pulley

### **EN499** Senior Project: Independent Thesis

Advanced study of a topic chosen by the student, approved by the department, with student research and writing directed by an individual faculty member. Required of all senior Regular Track English Majors who have taken a one-unit section of EN 480.

*Prerequisite:* English 221, English 250, and English 480.

1 unit — Butte, Evitt, Hayward, Islam

## Environmental Studies Program

*Applicable for the 2020-2021 academic year.*

**Environmental Studies Program Website (<https://www.coloradocollege.edu/academics/dept/environmentalprogram/>)**

Professor PERRAMOND (Associate Director); Associate Professors BARNES, KUMMEL, MCKENDRY (Director); Assistant Professors ANGSTADT, GRATZ, LEE

We offer two majors, Environmental Science and Environmental Studies. Listed below are the requirements for each of these majors.

The Environmental Studies Program also offers an Environmental Studies minor for those who are unable to major in Environmental Studies or Environmental Science. The minor is advised by faculty affiliated with the Environmental Studies Program and can complement any major offered by Colorado College.

### Major Requirements

#### **Environmental Science Major (3/23/2018)**

##### **Introductory framing (2 units):**

EV145 Environment and Society

EV128 Introduction to Global Climate Change

##### **Foundational courses in natural science (4 units):**

MA126 Calculus

MA117 Statistics (OR BE220 Biostatistics and Experimental design OR EV228 Analysis of Environmental Data.)

CH107 General Chemistry 1 OR EV110 Introduction to Environmental Chemistry

EV212 Energy (PR CH107 or EV110)

**Earth Systems Core (4 units):**

GY140 Physical Geology

EV209 Ecology and the Environment (PR: EV128, MA126)

EV351 Hydrology (PR EV212)

EV333 Atmospheric Dynamics (PR EV212)

**Natural Science elective courses (3 units):**

Any 3 EV Natural Science Courses at 300 or 400 level (independent study at 300 or 400 level may count on case by case basis if approved by advisor. An explicitly EV focused 300 or 400-level course in GY, OBE, PC, CH, MA may also count, if approved by EV academic advisor.)

**EV Social Science or EV Humanities Elective (one unit):**

Any 200, 300, or 400 level EV Social Science or EV Humanities class

**Capstone (one unit):**

EV421 Environmental Synthesis

**Thesis (optional for the major, but required for distinction):**

EV499 Thesis

**Environmental Studies (10/10/2018), (rev. 4/23/20)**

MA125 or 126: Calculus

EV128: Introduction to Global Climate Change

EV145: Environment and Society

One additional Environmental Science, Geology, or Organismal Biology and Ecology course, to be agreed upon with your advisor

One course in Economics: either EC201 (Economic Theory 1, required for further environmental economics courses) **OR** EC101 (Intro to Microeconomics) **OR** EC102 (Intro to Macroeconomics)

**One of the following Environmental Policy courses:**

EV271: Environmental Law & Policy

EV274: Environmental Politics & Policy

**One of the following 300-level Policy/Economics courses:**



EV373/PS321: Public Policymaking

EV341: Ecological Economics

EV356/PS356: Global Environmental Policy

**One of the following Environmental Justice/Environmental Equity courses:**

EV274/PS274: Cities, Sustainability, and Environmental Justice

EV276/SO130: Environmental Sociology

EV282/PH248: Contesting Climate Justice

SW220: Environmental Justice in the Southwest (WI)

EV375: Community Forestry

EV301/SW301: Political Ecology of the Southwest (WI)

EV342/HY200: Sustainable Development & Global Inequality

**Two of the following Environmental Humanities courses:**

EV281/PH246: Environmental Ethics

EV282/PH248: Contesting Climate Justice (unless taken as EJ option)

EV255/HY255: Nature and Society

EV285/EN230: Introduction to Literature and Environment

EV273/HY212: American Environmental History

EV261: Topics in Environmental Humanities

Four additional EV Social Science, Humanities, or Natural Science electives, at least two of which are 300 level. Environmentally focused courses from outside the Environmental Program may count as electives with advisor approval. Independent study may count on case-by-case basis if approved by advisor. EV391: Junior Research Seminar is required as one of the four electives for students writing a thesis.

EV421: Environmental Synthesis

EV499 Thesis (optional for the major, but required for distinction)

**Environmental Science Chemistry Emphasis (15 credits + optional thesis)  
(10/15/2018)**

**Foundational courses in natural science (4 units):**

MA126 - Calculus 1

MA129 - Calculus 2

PC241 - Intro Physics 1

PC242 - Intro Physics 2

**Chemistry Core Courses (4 units):**

CH107 - General Chemistry 1

CH108 - General Chemistry 2

CH250 - Structures of Organic Molecules

CH241 - Intro to Analytical Chemistry

**Environmental Science Core Courses (3 units):**

EV128 - Introduction to Global Climate Change

EV145 - Environment and Society

Any 200-, 300-, or 400-level EV Social Science or EV Humanities course

**Upper Level Electives (3 units):**

Choose any 3 of the following courses; at least 2 must be 300-level or above:

CH251 - Reactions of Organic Molecules

CH275 - Foundations of Inorganic Chemistry

CH351 - Synthesis of Organic Molecules

CH342 - Introduction of Instrumental Methods

CH382 - Biochemistry I

CH383 - Biochemistry II

CH366 - Physical Chemistry I

CH367 - Physical Chemistry II

CH475 - Inorganic Chemistry I

EV333 - Atmospheric Dynamics

EV431 - Atmospheric Chemistry

**Capstone (1 unit):**

EV421 - Environmental Synthesis

**Thesis (optional for the major, but required for distinction):**

EV499 - Senior Thesis

## Minor Requirements

### Environmental Studies Minor

Approved 5/11/20

Advisors - Hourdequin, McKendry, Kohout, Lee

Introductory courses (2)

EV128 Introduction to Global Climate Change

EV145 Environment and Society

Electives (4)

Two 200-level courses from two of the following three areas: Environmental Science, Environmental Humanities, or Environmental Social Sciences.

Two additional 300-level courses from the same area. These courses must build on one of the areas above (e.g. if one took a 200-level Natural Science course and a Humanities course, the two additional 300-level courses must be in either the Natural Sciences or Humanities).

\*Please consult with your minor advisor if you have questions on which courses belong to an area.

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**Following requirements only apply to those students who declared the minor prior to the 2020-2021 academic year.**

### CURRENT ENVIRONMENTAL ISSUES MINOR

#### Introductory Course (1 unit):

EV128 - Introduction to Global Climate Change

#### Core Courses (4 units):

Students must take one course in each of the following areas, plus a second course in one area.

One of the four courses must be at the 300- or 400- level. Selected environmentally related topics courses in science, social science, and humanities may count toward these requirements with prior approval of the student's environmental issues minor advisor.

#### Area One: Environmental Science

Any EV science course can count toward this requirement. Recommended courses include:

EV135 - Meteorology

EV155 - Introductory Earth Systems Science

EV209 - Ecology and the Environment

EV211 - Human Impacts on Biogeochemical Cycles

EV212 - Energy: Environmental Thermodynamics and Energetics

EV228 - Analysis of Environmental Data

EV311 - Water: Hydrology, Aquatic Chemistry, and Ecology

EV422 - Biogeochemistry and Ecosystem Ecology

EV431 - Air: Atmospheric Physics and Chemistry

#### Area Two: Environmental Social Science

Any EV social science course can count toward this requirement, as well as a number of courses in other departments. Recommended courses include: EV141 - Sustainable Development

EV271 - Environmental Policy  
 EV277 - Ecofeminism  
 EV341 - Ecological Economics and Sustainability  
 EV374 - Environmental Law and Policy for the Global Commons  
 ED385 - Environmental Education  
 PS272/EV272 - Cities, Sustainability, and Environmental Justice  
 PS321/EV373 - Public Policymaking  
 PS334/EV334 - United States Environmental Movement  
 PS356 - Global Environmental Policy  
 PS358 - Environment, Health, and Security  
 SO130/EV161 - Environmental Sociology  
 SW220 - Environmental Justice in the Southwest  
 SW230 - Native Americans Under Federal Law  
 SW272 - Nature, Region, and Society of the Southwest  
 SW301 - Political Ecology of the Southwest

**Area Three: Environmental Humanities**

The following courses count toward this requirement:

EV221 - Environmental Inquiry  
 EV281 - Environmental Ethics  
 EV261 - Topics in Environmental Humanities  
 EN280 - Literature and the Environmental Imagination  
 HY212/EV273 - American Environmental History  
 HY255/EV255 - Nature and Society  
 TH240 - Environmental Design for Performance and Community Engagement

Capstone Course (1 unit)

EV321 - Environmental Management

**Courses**

**Environmental Program**

**EV100** From Grasslands to Glaciers

(Summer only 2020-21).

*Prerequisite:* Pre college course.

.25 to 1 unit

**EV109** Winter Ecology

An introduction to winter-specific processes on the level of ecosystems, populations, and physiological adaptations of individual organisms. Includes hands-on field investigative projects for each of these three areas in snow-covered montane and high alpine environments. Topics include snow pack dynamics, vegetation-atmosphere-snowpack coupling, habitat use by non-hibernating animals via animal tracking, winter-specific plant adaptations, and aquatic ecosystem ecology under ice. Emphasis on how winter-specific processes constrain dynamics during the growing season. (Not offered 2020-21).

.5 unit

**EV110** Introduction to Environmental Chemistry

An introduction to principles of chemistry focusing on anthropogenic impacts from energy and agriculture to Earth's atmosphere and hydrosphere. Topics include: atomic, structure, periodic properties; molecular structure; redox, acid-base, and solubility reactions; enthalpy of phase changes and combustion reactions; and stoichiometry. Includes laboratory focused on field sampling, statistics, and environmental analysis. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2020-21).

*Prerequisite:* Prior High School Chemistry class is highly recommended.

1 unit

**EV120** Topics in Environmental Science

Selected topics of current societal interest that relate to our environment offered when interest and opportunity arise. Counts as one unit of natural science credit, a few of which may meet the lab or field requirement. Only one such unit may be counted toward the natural science requirements. (Not offered 2020-21).

.5 to 2 units

**EV121** Energy: Environmental

This course provides an overview of this interdisciplinary field at a level appropriate even for non-science majors, applying concepts, methods, and models from many disciplines to the major problems facing a sustainable management of the environment. The complex interactions of the 'biosphere,' the human systems that make up the 'sociosphere,' and the physical Earth systems that support them are considered. (Does not meet the field/lab credit.) (Not offered 2020-21).

1 to 2 units

**EV123** Environmental Issues and Solutions

(Summer only 2020-21).

1 unit

**EV125** Environmental Science: From Mountains to Microbes

(Summer only 2020-21).

2 units

**EV126** Aquatic and Terrestrial Ecosystems

Through field-based inquiry over the semester, students learn about biotic and abiotic factors controlling aquatic and terrestrial ecosystems, and demonstrate their understanding by creating lessons and inquiry projects for their K-12 students. Includes portfolio sections demonstrating mastery of questioning, analysis, and data interpretation skills related to environmental processes and systems.

*Prerequisite:* Education 120 - Environmental Education Practicum.

1 unit — Drossman

**EV127** Introduction to Geographic Information Systems (GIS)

Explores the basics of computer-based information analysis and manipulation. Teaches students fundamentals of basic GIS tasks: mapmaking, spatial analysis, and database creation. Students learn to use software that links these three functions together. Computer-based exercises are used both in class to teach fundamentals, and in labs that assist students to learn and use basic GIS tools.

.5 unit — Cooney

**EV128** Introduction to Global Climate Change

Introduction to the contemporary Earth climate system that focuses on the roles of the atmosphere, oceans, cryosphere, and land surface, and an overview of how this system has changed in the past and is predicted to change in the future. Includes the use of mathematical models to describe complex systems and the role of policy, economics, and ethics in mitigating human impact. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

1 unit — Gabrielsen, Gratz, Kummel

**EV135** Meteorology

Basic physics principles introduced and used to study dynamic processes in the atmosphere: atmospheric energy flow, solar radiation, green house effect, large-scale circulation of the atmosphere, small scale processes including clouds and storms, weather forecasting, humanity's impact on weather and climate. Laboratory and field experiments and trips will be utilized. (Not offered 2020-21).

1 unit

**EV145** Environment and Society

Introduction to humanistic and social science perspectives on global environmental change, engaging with a wide variety of explanatory frameworks and disciplinary lenses. Students will examine the socioeconomic, political, cultural, historical, and philosophical drivers of current environmental conditions. Includes perspectives emphasizing potential responses to climate change and other environmental challenges.

1 unit — Cornelius, Lee, McKendry

**EV155** Introductory Earth Systems Science

An overview of the Earth's surface systems including lithosphere, hydrosphere, and atmosphere. Course will also examine fluxes among these systems such as soil-forming processes, hydrologic processes, and biogeochemical cycles. (Meets the laboratory/field requirement for natural sciences.) Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Not offered 2020-21).

1 unit

**EV209** Ecology and the Environment

The analysis of distributions, abundances, and interrelationships of organisms, populations, communities, and ecosystems with an emphasis on environmental applications. (No credit if taken after BY 208). Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

*Prerequisite:* Environmental Program 128 and Mathematics 126.

1 unit — Heschel, Kummel

**EV210** Environmental Chemistry

An introduction to chemical pollutants in the 'compartments' of air, water, and soil, and calculation and measurement of their levels using the principles of general chemistry. Chemical perspectives on problems such as toxicology, global warming, the ozone hole, food shortages, and waste disposal are also discussed. Includes a significant laboratory component involving the statistical and instrumental analysis of samples collected in the field. (Not offered 2020-21).

*Prerequisite:* Chemistry & Biochemistry 108 or 250 & Biology 208 or Geology 130 or 140.

1 unit

**EV211** Human Impacts on Biogeochemical Cycles

An introduction to the chemical, physical, geological, and biological processes and reactions that govern the composition of the natural environment and the cycles of matter and energy that transport the Earth's chemical components in time and space. Course includes a significant emphasis on mathematical modeling of radiative transfer, the global hydrologic, carbon and nitrogen cycles, and the implications of human effects on these processes to (No credit for this course for students who have completed Chemistry 108). May meet either the Critical Perspectives: Scientific Investigation of the Natural World or Scientific Investigation of the Natural World lab or field requirement. (Not offered 2020-21).

*Prerequisite:* Environmental Program 128 and Mathematics 126.

1 unit

**EV212** Energy: Environmental Thermodynamics and Energetics

Environmental Thermodynamics and Energetics. Study of the generation and use of energy in an industrial society, environmental problems created by our energy use, and the physical and chemical principles underlying these issues. Scientific principles include: energy and the laws of thermodynamics, and the chemical equilibrium and kinetics needed to understand chemical systems as a means of energy storage. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

*Prerequisite:* Environmental Program 211 or the following: (Chemistry & Biochemistry 107 or Environmental Program 110) and Mathematics 126/125 and EV128..

1 unit — Gratz

**EV220** Intermediate Topics in Environmental Natural Science

Selected environmental science topics that require an introductory science background. Offered when interest and opportunity arise. Depending on the course structure, some courses may meet the lab or field requirement. May require at least one 100 level Environmental Science course as prerequisite. 1 unit. (Not offered 2020-21).

1 unit

**EV221** Environmental Inquiry

This class focuses on developing a holistic understanding of transdisciplinary environmental issues through study of an integral meta-theoretical framework. Student learn to design and propose potential thesis projects by evaluating transdisciplinary environmental issues through phenomenological, empirical, and systems-based inquiry, and assess the relative merits of post-positivist, constructivist, and critical perspectives.

*Prerequisite:* ED225/EV265: Foundations of Environmental Education.

1 unit — Drossman

**EV228** Analysis of Environmental Data

Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2020-21).

*Prerequisite:* Mathematics 126 or 125 or 127 or HS equivalent (Calculus I).

1 unit

**EV255** Nature & Society

The course examines the interaction between Europeans and the natural world from the Renaissance to the present. It looks at how nature shaped the ways Europeans lived and worked and how, in turn, they thought about and behaved toward nature. In particular, it explores the impact of the Scientific Revolution, industrialization, and mass culture on the changing interplay between nature, society, and culture. (Not offered 2020-21).

1 unit

**EV260** Topics in Environmental Social Sciences

Selected topics in the environmental social sciences that are not offered as part of the regular course listings. (Not offered 2020-21).

.5 to 1 unit

**EV261** Topics in Environmental Humanities

Selected environmentally-related topics courses taught from the perspectives of the humanities.

1 unit — Aharony, Cornelius, Naqvi, Schroer



**EV265** Foundations of Environmental and Sustainability Education.

Environmental and sustainability education focuses on the ecological, economic and social aspects of our interdependence with the natural world. Class discussion and literature analysis address the characteristics and goals of environmental and sustainability education, the evolution of the field of environmental and sustainability education, and fundamental aspects of cognitive and developmental theories as they relate to education. Students begin a course project portfolio that, when completed, meets expectations for environmental education certification from the Colorado Alliance for Environmental Education.

*Prerequisite:* consent of instructor.

1 unit — Arias, Drossman

**EV271** Environmental Law and Policy

This course considers the major legal regimes in the United States that govern pollution, public lands, water, endangered species, toxic substances, and other environmental issues. It examines the role of policy and law in protecting the environment and the relationship between environmental policy, law, and science.

1 unit — Angstadt

**EV272** Cities, Sustainability and Environmental Justice

Examines the relationship between cities and nature, with a particular emphasis on current efforts by cities around the world to become more environmentally sustainable. Explores the meanings of sustainability in the context of urban areas, and how these meanings differ among cities in the Global North and the Global South. Considers the major political challenges that cities face in their efforts to reduce their environmental impact and questions of environmental justice.

1 unit — McKendry

**EV273** American Environmental History

A survey of American history from the perspective of the environment, beginning with the biological and cultural invasion of the New World in 1492 and ending with current environmental problems and their historical roots. Topics include Native American vs. Euro-American views of nature, the impact of changing economic systems on the environment, and the impact of the landscape on various American cultures. Counts as one unit of social science credit.

1 unit — Cornelius

**EV274** Environmental Politics and Policy

Considers environmental politics and policy in the United States from the early twentieth century through the present. Examines environmental policies at the federal level, their effectiveness and limitations in protecting the environment, and the major policy debates that have surrounded them. Investigates the role of other key actors in shaping environmental governance, including environmental organizations, industry, and state and local governments. (Not offered 2020-21).

*Prerequisite:* Environmental Program 141 or Political Science 200 recommended. EV Policy majors and EV Integrated Science majors can count this course or Environmental Program 271 toward the major, but not both.

1 unit

### **EV276** Environmental Sociology

This course examines the political and institutional conditions that produce and organize environmental degradation and disruption, give shape to patterns of environmental inequality, and foment conflict. It concludes by examining the conditions and strategic actions that improve the chances for positive environmental outcomes and ecological sustainability. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Roberts

### **EV277** Ecofeminism

The interconnections between feminism and ecology. Ecofeminism explores the links between systems of domination such as sexism, racism, economic exploitation and the ecological crisis. We will assess criticism of ecofeminism and evaluate the potential of this philosophy for political practice. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **EV281** Environmental Ethics

Study of values underlying human relations to the natural environment. Conflicts between values. Preservation, conservation, and exploitation of natural resources. Problems in developing and applying a consistent land ethic. Some social, political, economic, and ecological aspects of current environmental crises. Counts as one unit of humanities credit.

1 unit — Hourdequin

### **EV282** Contesting Climate Justice

n examination of multiple conceptions of fairness, equity, and justice in relation to climate change, and how calls for justice and fairness are used both to reinforce and to challenge existing power relations, within and among nations. Prerequisites: None. 1 unit. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Hourdequin

### **EV285** Introduction to Literature and Environment

An introduction to environmental literature, through genres such as nature writing, memoir, climate fiction (cli-fi), and topics such as wilderness, apocalypticism, climate change, and environmental justice. (Not offered 2020-21).

1 unit

### **EV293** Independent Research in Environmental Science

1 unit — Drossman

**EV301** Political Ecology of the Southwest

Focuses on political ecology in a seminar setting for understanding political economy and ecological concerns. Highlights the struggles and genius of Southwest cultures under changing conditions. May have a multi-day-off-campus field trip. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

*Prerequisite:* Any 100 or 200-level Southwest Studies course or Environmental Program 145 or Environmental Program 141.

1 unit — Perramond

**EV307** Stream Ecology

An introduction to physical processes, biogeochemical cycles, and dynamics of freshwater biota in inland waters. Taking a process-oriented and comparative approach, the course focuses on how the function of river systems impacted due to effects from human interactions with aquatic ecosystems. Field and laboratory exercises integrate material across disciplines. (Not offered 2020-21).

*Prerequisite:* Chemistry & Biochemistry 107 or Environmental Program 110, Mathematics 126, Environmental Program 208 or Organismal Biology and Ecology 209. Recommended Geology 140 and/or Environmental Program 351 (Hydrology).

1 unit

**EV309** Population dynamics of wild, harvested, and endangered species

Why do some fisheries collapse? Will the African elephants go extinct? This course examines environmental questions in population ecology using differential and difference equation modeling. Course topics include the analysis of equilibria and stability, bifurcation, sensitivity, and parameterization using maximum likelihood.

*Prerequisite:* Mathematics 126 and Environmental Program 209 or Organismal Biology and Ecology 208.

1 unit — Kummel

**EV310** Fate and Transport of Chemicals in the Environment

This course builds upon the skills developed in environmental chemistry or physical chemistry, making use of kinetic and thermodynamic models to examine how chemical pollutants are transported in the environment. Either significant computer simulations or laboratory investigations based on recent journal articles from areas such as the kinetics of metal adsorption on model soils, equilibrium concentrations of pesticide residues in biota based on octanol-water partitioning, and transport modeling of air particulates from an urban environment are included. (Available on a tutorial basis with instructor's consent.) (Not offered 2020-21).

*Prerequisite:* Chemistry & Biochemistry 342 or 366; or 210 & consent of instructor.

.5 to 1 unit

**EV315** Atmosphere-Biosphere Interactions:

The course examines transport and transformation of energy and matter through ecosystems, and how humans impact these. It focuses on solar energy, carbon, and water through the lens of atmosphere-biosphere interactions. The course develops all concepts through hands on data acquisition, analysis, and interpretation. Key concepts include fluxes, gradients, and budgets. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

*Prerequisite:* Environmental Program 209, Environmental Program 212, Mathematics 126, or consent of the instructor.

1 unit — Kummel

**EV320** Advanced Topics in Environmental Science

Selected environmental science topics that require a more advanced science background than those offered through EV 120. Offered when interest and opportunity arise. Counts as one unit of natural science credit, a few of which may meet the lab or field requirement. Usually at least one sophomore level science course is expected.)

1 unit — Gabrielsen, McKendry

**EV321** Environmental Management

Environmental management efforts are scientifically, ecologically, and politically contentious, yet necessary given the heightened awareness of our impacts on the environment. Students will learn about principles underlying conservation and management approaches, explore how these principles are applied in practice, and identify potential solutions to the multiple challenges environmental managers face. Case studies may focus on public lands management, restoration and conservation, forestry, and/or water resources, private lands conservation strategies, and the role of environmental non-profits. May involve day or overnight trips.

*Prerequisite:* Environmental Program 128 and Environmental Program 141.

1 unit — Schild

**EV331** Introduction to Ecology and Conservation in Tanzania

(Not offered 2020-21).

.5 unit

**EV333** Atmospheric Dynamics

Course focuses on the dynamic processes in the atmosphere that transfer both matter and energy, and that govern the vertical structure and weather patterns. Topics include the physical properties of the atmosphere, radiation transfer, stability, large-scale circulation, clouds and storm development, weather forecasting, and humanity's impact on weather and climate.

*Prerequisite:* 1) Environmental Program 212 or 2) Chemistry & Biochemistry 108 and Physics 214 or 3)PC251.

1 unit — Gratz

### **EV334** The U.S. Environmental Movement

This course examines the politics of environmentalism and environmental activism in the United States. It focuses on the development and transformation of environmentalism as a social movement from its roots in the preservationists of the late 19th century, through the emergence of the modern environmental movement in the mid-twentieth century, up to through the challenges environmentalism has faced from across the political spectrum in the past thirty years. It also examines the principal debates that have divided the environmental movement itself, including the debate between conservationism and preservationism, the relationship between wilderness protection and environmental justice, and debates about the efficacy of the movement's traditional focus on state regulation. Finally, the course investigates the successes and failures of the environmental movement and the challenges and opportunities that mark environmental politics today. (Not offered 2020-21).

*Prerequisite:* Political Science 200 or Environmental Program 271 recommended.

1 unit

### **EV335** Environmental Economics

This course develops: 1.) the tools necessary for the economic analysis of environmental and natural resource problems; 2.) the ability to apply those tools in the investigation of a real world environmental resource problem and; 3.) the insight to form policy recommendations on the basis of such analysis and investigation. Particular emphasis on problems of market failure, such as externalities, public goods, non-market goods, uncertainty, income distribution, inter-temporal resource allocation and policies to correct for imperfect markets. (Not offered 2020-21).

*Prerequisite:* Economics 201.

1 unit

### **EV341** Ecological Economics

Ecological economists adopt a transdisciplinary framework that draws from a diverse web of knowledge across the natural sciences, social sciences, and humanities. Students will critique neoclassical economic thought and use a systems approach to analyze the interdependencies among social, economic, and ecological issues. May include overnight field trips. 1 unit.

*Prerequisite:* Any 100-level or higher economics course or consent of instructor.

1 unit — Lee

### **EV342** Sustainable Development and Global Inequality

Focuses on the rhetoric and practices of “sustainable development” and its attempts to reconcile economic growth, social equity, and environmental protection. Students will

investigate the histories of colonialism and social struggle. Students will develop sophisticated analyses of the intersections of global socioeconomic inequality and the challenges of ecological sustainability. 1 unit. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit

### **EV348** Economics of the Environment

(Not offered 2020-21).

.5 unit

### **EV351** Hydrology

An introduction to hydrology in the context watersheds, focusing on the major components of the hydrologic cycle; precipitation, canopy interception, infiltration, soil water storage, runoff, streamflow, and groundwater flow. Management of Water resources and the response of water quantity and quality to anthropogenic activity will also be discussed.

*Prerequisite:* (Chemistry & Biochemistry 107 or Environmental Program 110 or Environmental Program 211) and Mathematics 126, Geology 140, EV212..

1 unit

### **EV352** Waters of the West

An introduction to western water laws, water management policies, and the legacy of water federalism. Particular attention is given to instream flow programs, Native waters, community ditches, water justice, and water conservation efforts in the Southwest. 1 unit.

*Prerequisite:* Southwest Studies 102 or Environmental Program 125 or Environmental Program 145 or consent of instructor.

1 unit — Perramond

### **EV356** Global Environmental Policy

An interdisciplinary analysis of environmental policy formulation and regulation at the international level. Examines the negative impact of human activity upon complex ecosystems and the 'global commons,' and analyses the efficacy of international regimes, such as the Kyoto Protocol. Debates the linkages between environmental change, prosperity, and conceptualizations of security. (Not offered 2020-21).

1 unit

### **EV360** Advanced Topics in Environmental Social Science

Selected environmental social science topics that require an intermediate background. Offered when interest and opportunity arise. May require at least one 200 level Environmental Science course as prerequisite. 1 unit. (Not offered 2020-21).

1 unit

**EV361** Advanced Topics in Environmental Humanities:

Selected advanced topics in the environmental humanities that are not offered as part of the regular course listings.

1 unit — Goldberg

**EV365** Environmental and Sustainability Education

This advanced course in curriculum, instruction, and assessment builds on foundational knowledge in environmental and sustainability education by focusing on the development and assessment of curriculum that builds environmental literacy through transdisciplinary environmental inquiry. Class discussion, lesson planning, and reflective teaching focus on developing a comprehensive framework that facilitates a broad approach for inquiring about environmental issues and detecting narrowness and bias in the arguments made by others concerning environmental challenges, issues, and problems. Teaching methods specific to environmental and outdoor education are emphasized through a practicum that spans the course. Students complete a course project portfolio that meets expectations for environmental education certification from the Colorado Alliance for Environmental Education

*Prerequisite:* Education 120 and Education 225.

1 unit — Drossman

**EV373** Public Policymaking

Forces shaping public policies and decisions; internal politics of the national bureaucracy, the Presidency and Congress. Applies theories of policymaking to such cases as the environment, race and military affairs. (Counts as one unit of Social Science credit, but not as a natural science credit.)

1 unit — Coggins

**EV374** Environmental Law and Policy for the Global Commons

Examines the application of international policy and law in the protection of the global commons -- climate, biological diversity, the marine environment and the atmosphere. Considers the major issues -- pollution control, natural resource management, and trade -- and focuses on the international infrastructure and treaties that have been negotiated to regulate the environment -- the United Nations Convention on the Law of the Seas (UNCLOS), the Rio Declaration, the Convention on Climate Change, the Kyoto Protocol and Convention on the International Trade in Endangered Species (CITES).

1 unit — Angstadt

**EV375** Community Forestry

Focuses on the role of forest ecosystems in social, political, and economic systems and how definitions and management of forests are contested. Students will gain and apply skills and tools from multiple social science disciplines to understand the short and long-term ramifications of forest management policies. Includes service-learning field trips. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not

offered 2020-21).

1 unit

### **EV385** Environmental Education

This course centers on curriculum, instruction, and assessment in environmental education. Class discussion and lesson planning develop a comprehensive framework that facilitates a broad approach to environmental issues. Teaching methods specific to environmental and outdoor education are emphasized through a practicum that spans the course. Prerequisites (Not offered 2020-21).

*Prerequisite:* Education 120 and Education 225.

1 unit

### **EV391** Junior Research Seminar

A seminar required for third-year Environmental Studies majors planning to write a senior thesis. The course takes students through steps of the research process including establishing a research question, writing a research proposal, examining primary/secondary sources, research approaches and theory, and methodological questions within interdisciplinary examinations of environmental issues.

*Prerequisite:* Open to third year Environmental Studies track majors or consent of instructor.

1 unit — Angststadt

### **EV393** Independent Research in Environmental Science

1 unit — Kummel, McKendry, Perramond

### **EV421** Environmental Synthesis

This required capstone course for both Environmental Science and Environment & Society majors. The course provides a platform for interdisciplinary integration of multiple perspectives by examining a single local/regional environmental issue through multiple lenses. Students engage in original research that has the potential to influence on-the-ground decision-making.

*Prerequisite:* Senior standing in EV Science or Environment & Society majors, or consent of instructor.

1 unit — Angststadt, Gratz

### **EV431** Atmospheric Chemistry

Course focuses on the chemical composition of Earth's atmosphere, including the governing chemical mechanisms and their associated kinetics. The generation, transport, and transformation of criteria pollutants in the troposphere and stratosphere will be explored. Course has significant field and laboratory components as well as a student-designed research project. Meets the Critical Perspectives: Scientific Investigation of the Natural



World requirement. (Not offered 2020-21).

*Prerequisite:* Environmental Program 333.

1 unit

### **EV490** Senior Seminar Pass/Fail Only

An adjunct course spread out over the academic year in which guest lecturers and juniors and seniors orally present their independent research (either literature or laboratory) to the program students and faculty in an open forum for discussion. Required for an environmental science major. (Must be taken on a P/NC basis.) (Not offered 2020-21).

*Prerequisite:* Required for majors.

### **EV491** Environmental Science Practicum

Students are placed in organizations working on environmental issues where they work about five hours per week. Students meet in seminar twice a block. In the seminars and written work for the course, students explore the connection between environmental theory and environmental practice, the connections between academic environmental studies and work on behalf of the environment in the community. (Semester-long, extended-format course; to count for major course must be taken for an entire semester for credit with semester-long meetings). (Must be taken on a P/NC basis.) (Not offered 2020-21).

*Prerequisite:* Environmental Program 322 or consent of instructor.

.25 to .5 units

### **EV493** Independent Research in Environmental Science

1 unit — Barnes, Gratz

### **EV499** Senior Thesis:

A thesis topic to be chosen by a student with advice from a member (or members) of the Environmental Science Program. Upon presentation of thesis proposal by the student, program faculty will authorize or deny registration in 499.

*Prerequisite:* consent of instructor & an appropriate research experience.

1 unit — Angstadt, Barnes, Gabrielsen, Gratz

### **EV520** Topics in Environmental Science: Sustainable Systems

(Summer only 2020-21).

1 unit

## **Feminist and Gender Studies**

*Applicable for the 2020-2021 academic year:*

**Feminist and Gender Studies Website** (<https://www.coloradocollege.edu/academics/dept/feministandgenderstudies/>)

Associate Professor LEWIS (Director); Assistant Professor GUESSOUS; Assistant Professor KUMAR

## **Mission Statement**

Feminist and Gender Studies fosters inquiry into modalities of power as they are mediated by gender, sexuality, race and ethnicity, class, nation and citizenship, age, and ability. Through teaching, scholarship, and service, we study and develop these interdisciplinary and feminist theories and critical practices in collaboration with artists, activists, and scholars at Colorado College and beyond.

## **Vision Statement**

The aim of Feminist and Gender Studies is to embody a feminist ethos of critical engagement and responsiveness that is attentive to shifting relations of power; to be an intellectual, political, and creative space for the pursuit of exemplary collaborative initiatives locally, regionally, nationally, and transnationally; and to remain conversant with myriad intellectual legacies while reimagining the possibilities of feminist knowledge and practice.

## **Major Requirements**

Students seeking to major in Feminist and Gender Studies must complete 14 units, which includes two units (FG404 and FG405) designated for the senior capstone project. All electives must be approved by the major advisor.

- FG110 Introduction to Feminist and Gender Studies or FG114 Introduction to Queer Studies
- FG200 Feminist Theory
- FG211 Critical Feminist Methodologies
- FG322 Junior Seminar
- FG404 Senior Project
- FG405 Advanced Senior Project
- FG416 Senior Seminar
- One Elective (100 or 200-level)
- One Elective (200-level)
- One Elective (200 or 300-level)
- Two Electives (300-level)
- Two Cross-Listed Electives

## **Major Checklist**

## **Minor Requirements**

Students seeking to minor in Feminist and Gender Studies must complete 6 units. No senior capstone or integrative experience project is required for minors. All electives must be approved by the major advisor and none of these may include cross-listed courses.

- FG110 Introduction to Feminist and Gender Studies or FG114 Introduction to Queer Studies
- FG200 Feminist Theory
- FG211 Critical Feminist Methodologies
- One Elective (100 or 200-level)
- Two Electives (300-level)

### **Minor Checklist**

## **Courses**

### **Feminist and Gender Studies**

#### **FG103** Asian Perspectives on Feminism

An examination of feminism in Asia. Emphasis will be placed on the diversity of goals and strategies adopted by Asian women for liberating themselves from oppressive attitudes and customs as well as for empowering them. Traditional philosophical works, contemporary literature, film, and journal articles by Asian women will be consulted. (Not offered 2020-21).

1 unit

#### **FG106** #AllLivesMatter?: Historical and Contemporary Protest in the U.S.

According to its creators, the #BlackLivesMatter hashtag was created after the murder of 17-year-old Trayvon Martin “as a response to the anti-Black racism that permeates our society” and as “an affirmation of Black folks’ contributions to this society, our humanity, and our resilience in the face of deadly oppression.” In response, #AllLivesMatter was created more informally to counter what many felt was an exclusionary focus on Black lives at the expense of others, gaining popularity after utterances from Canadian singing group The Tenors, Senator Tim Scott (R-SC), Seattle Seahawks cornerback Richard Sherman, 2016 Democratic presidential nominee Hillary Clinton, and author Terry McMillan, and many others. This, however, is just one example of the debates that ensue regarding the causes and consequences of various forms of protest, especially that which is entrenched in discourses about race, gender, sexuality, and other social, cultural, and political markers. Focusing primarily on Feminist and Critical Media Studies, this course allows students to examine mediated constructions of and debates about protests as early as Nat Turner’s revolt in 1831 and as recently as the anti-fascism protests at the University of California-Berkeley in August 2017. (Summer only 2020-21).

.75 units

#### **FG110** Introduction to Feminist and Gender Studies

Introduces theories and methodologies that examine the relationships between power and markers of identity, such as gender, sexuality, race, class, nation, and dis/ability. Informed by the civil rights, student, labor, LGBTQ, and women’s movements, this course encourages student reflection on their participation in institutions of power and in effecting change. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Lewis

**FG112** Gender Inequality

How sex roles shape our experiences. Sources and consequences of the differences between males and females. Biological processes, participation in the economy and the family. Possibilities for and consequences of changing sex roles. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Figueroa/Figueroa

**FG114** Introduction to Queer Studies

What are LGBT/Queer Studies? What does it mean to identify as gay, lesbian, bisexual or transgender? Who gets to create knowledge about LGBTQ people? This course takes an interdisciplinary approach to studying these questions by wrestling with the changing nature of LGBT and Queer as categories across time and space/location. Studies a critical consciousness on LGBTQ issues that recognizes the ways gender and sexuality are complicated by intersectional experiences of race, class, and nationality. Interrogates gender, sex, the “body,” erotic pleasure, sexuality, and sexual orientation as social constructions embedded in power structures, analyzing the impact of myriad intellectual and activist approaches to social policy, popular culture, law and governance, science, and public discourse. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Kumar

**FG118** Gender & Communications

This course investigates the differences and similarities between male and female communication in contemporary American society within the framework of communication and feminist theory from a number of contexts, including interpersonal communication in family contexts and the work environment, public communication about gender in the media, and interpersonal and mediated communication in the education system. (Not offered 2020-21).

1 unit

**FG138** Feminist Religious Thought

An introduction to feminist theology and ethics in the Christian and Judaic tradition, with attention to such issues as God, love, justice, community, sexuality, liberation, and ecofeminism. Readings to include Ruether, Plaskow, McFague, Welch, and Heyward. (Not offered 2020-21).

1 unit

**FG143** Psychology of Gender

An examination of research and theory on psychological gender differences and similarities. This course will explore the ways in which gender is a system of meanings that operate at the individual, interactional, and cultural level to structure people's lives. Special attention is made to methodological issues, and to feminist critiques of traditional methods of data collection, analysis, and interpretation. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Psychology 100 or 101 or 111 or consent of instructor.

1 unit

**FG160** The Psychology of Women: Women and Madness

What does it mean to be 'mad'? Is madness in the eyes of the beholder? This course examines the concept of madness as it has been applied to women from historical, psychological, social and feminist perspectives. Our goal will be to critically examine the diagnostic criteria used by the psychiatric community and popular culture to case material and investigate the 'logic' of madness, asking to what extent madness might be a reasonable response to unreasonable conditions. This course will include a careful consideration of the rising use of psychopharmacology, particularly in the treatment of depression in women. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**FG182** Prejudice and Intergroup Relations

(Not offered 2020-21).

1 unit

**FG200** Feminist Theory

Feminist theory interrogates and explains difference and inequality, critiquing power and privilege along the lines of gender, sexuality, race, socioeconomic status, and other social, cultural, and political markers. This course surveys interdisciplinary feminist theories from many disciplines—such as liberal, radical, socialist, psychoanalytic, and other traditions—as well as theorists who work primarily outside of the academy, from as early as the 1700s to the present. Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* 100-level Feminist & Gender Studies course, including courses cross-listed with Feminist & Gender Studies or Consent of Instructor.

1 unit — Lewis

**FG203** Women in Art

A survey of women artists in Western Europe and America from ancient to modern times, contrasting feminist and conventional perspectives. Social and historical context as well as special problems faced by women. Why have there been so few 'great' women artists? Are there qualities unique to women's art? Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Art History 112 or a Feminist & Gender Studies course.

1 unit

**FG206** Intermediate Topics in Feminist and Gender Studies:

Cultivates deeper understanding of theories, concepts, and interdisciplinary sub-fields within Feminist & Gender Studies. Emphasizes ways of connecting, synthesizing, and

employing theories and concepts, continuing to pay attention to foundational texts and concepts, while recognizing the always shifting landscape of the field. Assignments require intermediate-level independent thinking and research skills. Courses and instructors vary annually. .5 or 1 unit.

1 unit — Coleman, Hunt, Mehta, Minervini

### **FG210** Race, Class & Gender

We will examine theories of race, class, and gender construction in the United States and other societies, focusing on their intersections in such areas as labor, sexual relations, community, law, and other forms of cultural production. We will analyze 'identity politics' as a standpoint and as vehicle for, or obstacle to, social change. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Feminist & Gender Studies 110 or Race, Ethnicity, & Migration 185.

1 unit

### **FG211** Critical Feminist Methodologies

Examines feminist approaches, modes of inquiry, and debates about the politics of knowledge production. In exploring these concerns, this course focuses on how feminist scholars ask methodological and epistemological questions about positionality, objectivity/subjectivity, authority, voice, and (inter)disciplinarity. Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* Feminist & Gender Studies 200.

1 unit — Guessous

### **FG212** Critical Media Studies

Studies the competencies necessary for analyzing mass media codes and conventions and interpreting the meanings and ideologies generated by texts in TV, film, radio, internet, and other industries, especially regarding how race, gender, sexuality, socioeconomic status, citizenship, and other social, cultural, and political markers are constructed. Examines the impetuses for and implications of these constructions, including the ways in which they are revised, resisted, and reproduced. Meets the Critical Perspectives: Diverse Cultures and Critiques requirement. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **FG214** Hidden Spaces, Hidden Narratives: Intersectionality Studies in Berlin

Examines how the identities of marginalized communities in Berlin, such as Black Germans, Jewish Germans, Turkish Germans, migrants, refugees, victims of Neo-Nazi terrorism and police brutality, and LGBTQI communities, are predicated on racism, heterosexism, colonialism, imperialism, and other forms of oppression. Additionally, considers how these communities resist, reject, revise, and reproduce these narratives as they construct their own subjectivities. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* consent of instructor & Taught in Germany.

1 unit

### **FG215** Ecofeminism

The interconnections between feminism and ecology. Ecofeminism explores the links between systems of domination such as sexism, racism, economic exploitation and the ecological crisis. We will assess criticism of ecofeminism and evaluate the potential of this philosophy for political practice. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **FG216** Gender & Science

The course will consider the scientific description of women at various historical periods and its impact on the social experiences of women. We will explore the lives and work on individual women scientists and assess their contribution to science. We will examine the current feminist critiques of science. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **FG218** The Discourse of the Veil

Examines dominant discourses about the veil and about Muslim women in order to trace the making, trajectory and effects of the so-called “problem” of the veil. Analyzes how the veiling practices of Muslim women have been an object of scrutiny, commentary, disavowal and incitement to discourse ever since 19th century Western travelers began writing about the Muslim women they encountered and the veils that concealed them from their sight. Readings include works by/about late nineteenth and early twentieth century Western Orientalists and missionaries; early male reformers from the Middle East; contemporary Middle Eastern and Western feminists. We will also examine a number of contemporary debates and controversies about the veiling practices of Muslim minorities in the US and Europe (in Germany, Belgium, the Netherlands and France). 0.5 unit or 1 unit. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

.5 to 1 unit

### **FG219** Gendered Controversies

Introduces students to a transnational feminist approach by critically analyzing gendered controversies from different historical-political conjunctures and parts of the world. Examples might include debates on Sati (widow immolation) in colonial India, so-called honor-killings in the Middle East, foot-binding in China, female circumcision in Sub-Saharan Africa, veiling and the practices of Muslim parents (such as exempting their children from co-ed swimming and/or gym classes) in contemporary Europe, and gender-testing in the Olympics. Among the questions that this course will ask: What gendered practices tend to elicit public outrage? What kinds of power relations does this outrage both depend on and enable? Which bodies tend to become the objects of moral panic? What anxieties are articulated, projected and displaced through these controversies? And what can we learn about modernity, colonialism, multiculturalism, feminism, humanitarianism, and

power by analyzing the politics of such gendered controversies from a critical transnational feminist perspective? Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Guessous

### **FG220 Myth & Meaning**

Religion and myth of ancient Greece and Rome in relation to that of the ancient Mediterranean (Akkadian, Hittite, Sumerian, Egyptian). Female presence in art, literature and religion compared to treatment of women in their respective cultures. Theoretical approaches to the understanding of myth (Comparative, Jungian, Structuralist) in relation to myths as they are encoded in their specific cultures. Students may trace a myth through Medieval, Renaissance and modern transformations in art, music, poetry and film, or study myth in other cultures (e.g. Norse and Celtic). May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Dobson

### **FG221 Women of the Negritude**

Examines the role of women from French colonies in Africa and Caribbean in the anti-colonial Negritude movement in the first half of the twentieth century. Studies how the ideology and values of the Negritude movement engaged with the major political and aesthetic ideologies of the day. Students have the option of reading the class material in the original French for French or Comparative Literature credit. (Not offered 2020-21).

1 unit

### **FG222 Gender & Sexuality in the Modern Middle East and its Diasporas**

An introduction to the anthropological study of the modern Middle East and its diasporas that foregrounds how gender and sexuality are inhabited, embodied and negotiated in everyday life by differently situated individuals and communities. Themes for the course include the modern refashioning of gender and sexuality; agency, power and subjectivity; law and citizenship; piety and secularity; feminism, multiculturalism and the politics of translation. These themes are explored through richly contextualized historical, ethnographic, autobiographical, and fictional accounts in places as diverse as Morocco, Yemen, Iran, Palestine, Israel, Egypt, Lebanon, Saudi Arabia, and Turkey, as well as in various diasporic locations including France and Germany. Considers dominant representations of the region and the normative assumptions about tradition, modernity, religion, secularism, law, gender, family and sexuality underlying them. 0.5 unit or 1 unit. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

.5 to 1 unit

### **FG224 Chinese Women Writers and Their Works**

This course will focus on a comparative study of the voice of Chinese women writers in the 1920s and 1980s, examine women writers' works in a social-historical context, and discuss the difference of women's places and problems in traditional Chinese culture and modern Chinese society. The course will also try to define the similar and different expressions of 'feminism' as a term in the West and the East. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).



1 unit

**FG225** Empire and Power: Individual and Family in Ancient Rome

Focus on how conservative Roman republican ideals were reconciled in an increasingly Hellenized empire dominated by an imperial dynasty. Topics include the changing status of traditional gender types and established class systems, the role of rulers, women and freedmen in Tacitus, Juvenal Martial, Suetonius, Seneca, Apuleius, Lucian, Plutarch, Aristides, Dio Chysostom and Claudian. Attention will also be given to representations of women and imperial families in art and statuary. (Not offered 2020-21).

1 unit

**FG226** Topics in Feminist & Gender Studies: Gender and Politics

Examines the following questions: Are there politically relevant differences between the sexes, and if so, are they the product of nature and/or convention? What is/ought to be the relation between the political community and private attachments? How has liberalism answered these questions? How does consideration of gender challenge liberal theories such as contract, individual rights, and human nature? Readings in both political theory and in feminist literature. (Not offered 2020-21).

1 unit

**FG228** Sexualities

Examines human sexualities, especially personal, social, political, and cultural concepts about sex and sexuality, from a feminist framework that is rooted in intersectionality—a perspective that considers how power, race, class, gender, sex, and ethnicity shape our experiences. Additionally, the course focuses on sex research, sex education, sex behaviors, economies of sex work, and mediated representations of sex, such as erotica, Kink, and pornography Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**FG229** Performing Music, Performing Gender

How do musical experiences help define gender roles and sexuality? These experiences are examined across a wide range of musical genres and cultural contexts. How might gender and sexual identity be shaped, for example, by writing the biography of a homosexual classical composer, joining a community of heavy metal fans, singing as an Italian castrato, or a 19th-century Indian courtesan, impersonating Elvis? Theoretical approaches drawn from feminist studies, gender and sexuality studies, and queer theory. (Not offered 2020-21).

1 unit

**FG230** Women in Music

This course examines the interaction of women's musical lives with politics, society, and spirituality, and will focus primarily on the twentieth century. We will look at artists like Aretha Franklin and South Africa's Miriam Makeba and their relationship to the Civil Rights struggles in their countries; Joni Mitchell, Holly Near, punk rocker Patti Smith, and

performance artist Laurie Anderson and their relationship to the feminist movement; Mary Lou Williams, Billie Holiday, Bessie Smith and the integration of women into jazz; Joan Tower, Marin Alsop, Maria Callas, Marian Anderson and the traditions of Western Classical Music; and the role of the ingenue and character roles in the Broadway musical - from Rodgers and Hammerstein to Stephen Sondheim. In addition to twentieth century women, we will also review the lives of women frame drummers of earliest history, as well as the seminal figures Amy Beach, Clara Schumann, and the mystic visionary Hildegard von Bingen. Women's diaries and oral histories will be a major source for the class, as well as video and extensive listening to recordings. (Not offered 2020-21).

1 unit

### **FG231** Women in America Before the Civil War

Women in American society, from colonial times to 1860, including issues of race, class and servitude; transformations in pre-industrial work and family relationships; women and slavery; women and religion; women's efforts to reorder their lives and society. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **FG232** American Women in Industrial Society

Women in American society from 1860 to the present, including Victorian women on the pedestal and in the factory; social and domestic feminism in the progressive era; work in the home; urban women; immigrant and minority women; women in wartime; contemporary feminism. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **FG233** Women, Religion, and Society: Hinduism, Islam, and Buddhism

An exploration of construction of gender and the status of women in Hindu, Islamic, and Buddhist cultures, with attention to both texts and practices. Readings survey a variety of topics including marriage, sexuality, sati, Islamic law, devotion, renunciation, and tatra.) (Not offered 2020-21).

1 unit

### **FG234** Sociology of Women from a Global Perspective

Economic agreements, existence of multinational corporations, information technology, and dissemination of popular culture all remind us that globalism is real, diminishing national boundaries and changing people's lives. This course will cover issues women encounter globally. Utilizing comparative historical perspective we will study the role of religion, nationalism, and secularism in shaping women's roles. We will also examine issues such as women's roles in political parties and governments, education, health and the effect of international agreements on women's status. (Not offered 2020-21).

*Prerequisite:* One 100 level SO course.

1 unit

**FG235** Sociology of Family

An exploration of the social history of the American family from its extended kinship form through the development of the nuclear family ideal, to the more valid forms existing in contemporary society. Emphasis is placed on how gender and race structure relationships within the family as well as the family forms themselves. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Muñoz

**FG236** LGBTQ Social Movements in the U.S.

Conducts interdisciplinary examinations of the development of LGBTQ social movements in the U.S. by linking the context, goals, and outcomes of movements to the dynamics of race, class, gender, sexuality, age, ability, immigration status, and geography. Studies how LGBTQ social movements impact and are impacted by cultural and governmental institutions and how these relationships have determined contemporary queer life, politics, and thought, especially the complex social processes that determine the myriad investments and risks of mainstream LGBTQ politics. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Kumar

**FG238** Gendering Latin America

Explores the role gender plays across diverse sites in South and Central Americas, as well as the Caribbean. Social movements, division of labor, sexualities, power struggles and violence are among areas examined from feminist, ethnographic and comparative perspectives. Emphasis on gender's intersections with ethnic, national, linguistic, class and geographical diversity demands students' strong grasp of empirical information about the region. (Also listed as Anthropology 238). May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**FG239** Women, Men, and 'Others.': Gender Cross-culturally.

A cross-cultural approach to gender, emphasizing variability in the ways gender shapes social interaction and organization. After addressing the relationship between biological sex and culturally constructed gender and diverse sex-gender systems, the course proceeds to closely examine non-binary gender systems, where 'third' (or more) genders emerge: hijras in India, berdaches in diverse Native American peoples, and travestis in Brazil. Diverse anthropological and feminist theoretical frameworks are applied. (Not offered 2020-21).

1 unit

**FG240** Hip Hop and Feminism

Introduces students to Black, Third Wave, and Transnational feminist studies of hip hop music, fashion, dance, film, and other aspects of the culture. Pays particular attention to ways feminist scholars examine hip hop theories and politics concerning race, gender, sexuality, class, age, and other social, cultural, and political markers, especially the ways power and dominance are reproduced, revised, and resisted within the culture. .25 unit, .5 or

1 unit.

.5 unit — Lewis

**FG243** Philosophy and Politics of Identity

Considers the meanings, problems, and possibilities of contemporary identity politics. Explores different approaches toward identity and politics, including liberal, existential, and traditionalist understandings. Traces the emergence of a new kind of identity politics out of racial, feminist, and queer movements of the late twentieth and early twenty-first centuries. Assesses contemporary discussions of identity and politics, in relation to both the history of Western thought and contemporary multicultural societies. Authors discussed may include Locke, Sartre, MacIntyre, Fanon, Young, Taylor, Butler, Elshtein, Appiah, and Nicholson. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**FG247** Women, Children and Men: Families in Historical Perspective

This course treats gender roles and family life throughout the European past, with comparative attention to families of other historical cultures and to relationships within non-human primate communities. It emphasizes the historical agency of women and children generally elided from traditional master narratives of Western Civilization, demonstrating how feminist and ethnohistorical approaches can reveal their experience. Course materials will include historiographical and anthropological literature as well as primary documents, literary works and visual sources. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Neel

**FG248** Women, Children & Men: Families in Historical Perspective

This course treats gender roles and family life throughout the European past, with comparative attention to families of other historical cultures and to relationships within non-human primate communities. It emphasizes the historical agency of women and children generally elided from traditional master narratives of Western Civilization, demonstrating how feminist and ethnohistorical approaches can reveal their experience. Course materials will include historiographical and anthropological literature as well as primary documents, literary works and visual sources. 1 unit Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**FG249** Feminism in Religion.

An introduction to feminist theology and ethics in the Christian and Judaic traditions, with attention to feminist thought in Asian religions as well. Topics include God, love, justice, community, liberation, sexuality, reproduction, and social transformation. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**FG251** Japanese Women Writers [writing emphasis]

Japanese women writers wrote the most heralded novels and poetic diaries in the classical literary canon; this celebration of women's literary contributions is an anomaly among world literatures. Yet for over five hundred years, women's literary voices were silenced before reemerging in the modern era, when a renaissance of 'women's literature' (joryu bungaku) captured popular imagination, even as it confronted critical disparagement. This course traces the rise, fall and return of writing by women and the influence of attitudes toward gender on what was written and read through a wide array of literary texts, historical documents, and cultural artifacts. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

### **FG253 Women in Hinduism & Islam**

An exploration of constructions of gender and the status of women in Hindu and Islamic cultures, with attention to both texts and practices. Primary and secondary readings survey a variety of topics from classical and modern periods, including marriage, sexuality and reproduction, sati, Islamic law, devotion, renunciation and tantra. (Not offered 2020-21).

*Prerequisite:* Religion 140 or 160 or consent of instructor.

1 unit

### **FG257 Women in Hinduism & Buddhism**

An exploration of constructions of gender and the status of women in Hinduism and Buddhism, with primary focus on normative developments in ancient and medieval India and the impact of this formative history on the lives of contemporary women. Readings from primary and secondary materials, with attention to both ideology and practice. (Offered in alternate years.) (Not offered 2020-21).

*Prerequisite:* Religion 160 or 170 or consent of instructor.

1 unit

### **FG258 Masculinities**

Conducts transnational, intersectional, and feminist analyses of the construction and embodiment of multiple masculinities engendered by colonialism, race, class, nationality, gender nonconformity, disability and minority subcultures. Centrally engages masculinities' varied entanglements with femininity, effeminacy, female bodiedness, and binary imaginations that undergird gender, relying on interdisciplinary examinations of popular cultural texts, history, ethnographies, creative writing, art, and autobiography to aid our examinations. Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* Any 100 level SO course or consent of instructor.

1 unit — Johnson

### **FG259 Lesbian, Gay, Bisexual, Transgender Literature**

Introduces features of what might be called a lesbian, gay, bisexual, transgender, and/or queer literacy and theoretical tradition. Uses classical, Renaissance, modern postmodern,

and contemporary literature, criticism, and film to examine the complicated status and experience of non-majority sexualities. Considers writers, theorists and activists who have explored the relationships among sexuality, knowledge, and literature, including Plato, Michel Foucault, Oscar Wilde, Shakespeare, Nella Larsen, Leslie Feinberg and Jeanette Winterson. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **FG271** History of Sex: Traditions

The course analyzes sexual roles and sexual practices in the world before the concept of 'sexual identity' emerged in the late nineteenth century. It examines how different religious traditions, such as Judaism, Islam, Hinduism, Christianity, and Buddhism, viewed sex, and explores a wide variety of topics, including pornography, prostitution, and same-sex sexual behavior, throughout the pre-modern world. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **FG272** History of Sex: Modernity

The course begins with an examination of the birth of 'sexuality' in late nineteenth-century Europe and then explores the acceptance of and resistance to this new conceptual model throughout the world. Topics include heterosexuality and homosexuality, intersexuality, and 'perversion'. The course concludes with an analysis of the contemporary cultural wars over sexuality in Africa, Asia, Europe, and North and South America. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **FG274** Literature of the 'New Woman' Era

Variable topics course including selected themes organized along regional, generic, interdisciplinary, and cultural boundaries. Also may address specific treatments of women characters in works by and women during different periods of English and American literary history. (Not offered 2020-21).

1 unit

### **FG284** Feminist Philosophies

(Not offered 2020-21).

*Prerequisite:* Philosophy 100 or Women's Studies 110 or consent of instructor.

1 unit

### **FG285** Women & the Body

The course will explore the philosophical and rhetorical dimensions of women's bodily experiences. We will examine issues of women's identity, subjectivity and embodiment through an investigation of body image, race, reproduction, and sexuality. Readings will

focus on theoretical discussion of these issues. We will also rely on film, music, and narrative to understand the relationship(s) between women's bodies, their identities, and their definition in society. Most importantly, we will also draw from our own experiences as women, and/or the experiences of women we know, to help us make sense of the information we read. (Not offered 2020-21).

1 unit

### **FG302** Transnational Sexualities

Studies the multifarious cultural, economic, and political effects of globalization on conceptualizations of “sexuality” and gender in order to situate cultural and historical understandings of gender and sexuality in their geopolitical specificity. Examines the benefits and pitfalls of how social justice is often defined through a global human rights framework through interdisciplinary studies of queer, feminist postcolonial theory, globalization studies, literature, film, and ethnography. Examines globalized sexual identities, sexual practices, queerness, and transnational capital in relation to notions of the local-global, nationhood, diaspora, borders, margins, and the urban-rural, situated in gay and lesbian studies, queer theory, third world and transnational feminism, and postcolonial studies. Meets the Critical Perspectives: Global Cultures requirement.

*Prerequisite:* Feminist & Gender Studies 110 or Feminist & Gender Studies 114, and junior or senior standing.

1 unit

### **FG303** Sociology of Sexuality

An advanced examination of the ways in which sexual identities, desires and practices are socially constructed and, as such, how they vary historically and culturally. Addresses a range of theoretical and methodological approaches that have contributed to the sociological study of sexuality, including psychoanalytic theory, survey research, social constructionism, feminist theory, critical race theory and queer theory. Specific topics include the political economy of sex; the construction of sexual identities; intersections of sexuality, gender, race and class; social movements; sexuality and institutions; families; marriage 'moral panics.' Offered in some years as a field research and writing course. (Not offered 2020-21).

*Prerequisite:* any 200-level Sociology course and Consent of Instructor.

1 unit

### **FG304** Studies in European Social History:

(Not offered 2020-21).

1 unit

### **FG306** History of Sex: Modernity

After examination of the birth of ‘sexuality’ in late nineteenth-century Europe, exploration of the acceptance of and resistance to this new conceptual model throughout the world. Attention to heterosexuality and homosexuality, intersexuality, and ‘perversion,’ concluding with analysis of the contemporary cultural wars over sexuality in Africa, Asia, Europe, and

South America. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**FG307** History of Sex: Traditions

Analysis of sexual roles and sexual practices in the world before the concept of 'sexual identity' emerged in the late nineteenth century. Examination of how different religious traditions such as Judaism, Islam, Hinduism, Christianity, and Buddhism have viewed sex, and exploration of a wide variety of topics including pornography, prostitution, and same-sex sexual behavior throughout the pre-modern world. (Not offered 2020-21).

.5 or 1 unit

**FG308** Advanced Topics in Feminist & Gender Studies

Generates complex understandings of theories of identity and subjectivity within relevant sub-fields of Feminist & Gender Studies, paying attention to intellectual and activist legacies and methodological questions. Building on prior intellectual work, students position themselves within relevant sub-fields in service to their developing critical preoccupations, so these courses emphasize advanced level independent thinking and research, including more engagement with advanced contemporary texts. Courses and instructors vary annually. .5 or 1 unit.

*Prerequisite:* Feminist & Gender Studies 110 & Feminist & Gender Studies 114, and Junior or Senior Standing.

1 unit — Ragan

**FG309** Unpacking the Invisible Knapsack: Critical Whiteness Studies

This course introduces students to Critical Whiteness Studies, the scholarly interrogation of the social construction of whiteness: how whiteness converges with gender, socioeconomic status, and other social markers, to create and maintain fundamental sources of societal stratification. The course examines the historical and contemporary social, cultural, and political origins of and resistance to white supremacy and white privilege, particularly in the United States. Students will consider the economic and political forces responsible for the construction and maintenance of whiteness, and will critique the multiple axes of race, gender and class to understand the various mechanisms of privilege. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Feminist & Gender Studies 110, Feminist & Gender Studies 200, or consent of instructor).

1 unit

**FG310** Feminist Theory

An exploration of the many 'feminisms' which pattern the rich and expanding field of feminist theory. Focus will be on feminism's intersection with many of the important theoretical movements of the 20th century, e. g., American pragmatism, French philosophies, Marxism, postmodernism, with special emphasis on postcolonialism,



psychoanalysis, black, lesbian and gay studies, etc. Possible theorists are: Butler, Kristeva, Irigaray, Lorde, Hooks, Wittig, de Lauretis, Belsey, Minh-ha. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* 110 or consent of instructor.

1 unit

### **FG312** Black Feminist Theory

Examines Black feminist theory through the lens of key Black feminists, such as bell hooks, Patricia Hill Collins, Audre Lorde, and Alice Walker. Relying primarily on a guiding principle of Black feminism, the idea that racism, sexism, and class oppression are inextricably linked (also known as intersectionality), we will discuss various topics such as Black women's relationships with Black men, motherhood, work inside and outside of the home, and religion and spirituality, among others. Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* Feminist & Gender Studies 110, Feminist & Gender Studies 200, or consent of instructor.

1 unit — Lewis

### **FG313** Social History of Dance: The Birth of Mod Dnc in Am and Abrd

Explores the social and political issues of the period 1880-1950 in the development of modern dance and studies the people -- mostly women -- who were the innovators of this unique form. Viewing of videotapes, readings about each artist, and interactive projects designed to develop full understanding of each choreographer, innovator, and dancer. Practical dance techniques will also be studied. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **FG314** Chinese Women Writers and Their Works

Builds on Critical Race Theory (CRT), which interrogates the role of race and racism in law and politics, by focusing on the experiences of women of color regarding racism, sexism, and other forms of oppression. Explores major themes in Critical Race Feminism, including, but not limited to, work, parenting, sexual harassment, rape, and domestic violence, female genital cutting, and immigration. (Not offered 2020-21).

*Prerequisite:* Feminist & Gender Studies 110 and Feminist & Gender Studies 200; or consent of instructor.

.5 to 1 unit

### **FG315** French Feminist Theory

An exploration of the writings of several important feminist theorists often labeled collectively as 'French feminism,' including Beauvoir, Irigaray, Cixous and Kristeva. Focus on the key concepts of the Other, feminist interpretations of Lacanian psychoanalysis, language and gender, difference and the body, and also on critiques of these ways of

understanding gender. (Not offered 2020-21).

1 unit

### **FG316 Critical Race Feminism**

Critical Race Feminism (CRF) originates from Critical Race Theory (CRT), which examines the role of race and racism in law and politics. CRF focuses on the experiences of women of color regarding racism, sexism, and other forms of oppression. This course explores the major themes in CRF, including, but not limited to, work, parenting, sexual harassment, rape, and domestic violence, female genital cutting, and immigration. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Feminist & Gender Studies 110 or Feminist & Gender Studies 114, and junior or senior standing.

.5 to 1 unit

### **FG318 The Politics of Transnational Feminism**

Explores the geopolitics, uneven power relations, normative assumptions and exclusions that go into the making of feminist politics transnationally. Examines how the politics of gender and sexuality get enmeshed in imperial, Eurocentric, nationalist, neoliberal, racialized, heteronormative, homonormative, military, elitist and other transnational circuits of power. Explores how feminist politics operate not only as struggles against various forms of power but also as modalities of power. Considers the ethical implications this has for our understanding and practice of feminist politics transnationally. 1 unit.

*Prerequisite:* Feminist & Gender Studies 110, & Feminist & Gender Studies 114, and Junior or Senior Standing.

1 unit — Guessous

### **FG320 Middle Eastern and Islamic Feminist Thought**

Explores key texts and debates in Middle Eastern and Islamic feminist studies in order to think about the politics of feminism, feminist subjectivity, and the relationship between feminism and modernity. Parochializes universalizing assumptions about feminism and women's rights by focusing on the contributions of a non-Western feminist tradition. Asks critical questions about the transnational politics of translation, and the normative assumptions, aporias and exclusions that are constitutive of feminist thought and politics, with a particular attention to questions of tradition and of religion and secularism.

*Prerequisites:* FG110, FG200, or COI. 0.5 unit or 1 unit. Meets the Critical Perspectives: Global Cultures requirement.

*Prerequisite:* Feminist & Gender Studies 110 or Feminist & Gender Studies 114, and junior or senior standing.

1 unit — Guessous

### **FG321 Public Policymaking**

Forces shaping public policies and decisions; internal politics of the national bureaucracy,

the Presidency and Congress. Applies theories of policymaking to such cases as the environment, race and military affairs. (Women's Studies credit available only for appropriate paper topics.) (Not offered 2020-21).

2 units

**FG322** Junior Seminar

Prepares students to conceptualize and articulate the theoretical frameworks and methodologies that will guide their senior capstone projects. Students will produce an annotated bibliography and senior capstone project proposal.

*Prerequisite:* Feminist & Gender Studies major, junior standing.

1 unit — Guessous

**FG326** Studies in Shakespeare: Women and Shakespeare

Detailed study of one of the following groups: 1) histories, 2) comedies and romances, 3) major tragedies, 4) a number of the works grouped according to a thematic principle. (Not offered 2020-21).

1 unit

**FG329** Queer Performance and Body Politics

Examines how performances since 1960 by queer artists have challenged conventional ideas about the body, sexuality and selfhood. Uses readings by theorists such as Michael Foucault, Michael Warner, and Jose Esteban Munoz to identify strategic positions adopted by artists working in literature, film, drama, musical theatre, dance and performance art. (Not offered 2020-21).

1 unit

**FG332** Animal Behavior

A comparative study of the diversities of behavioral systems of animals. Lecture, laboratory and field work include ethological theories and methods, emphasizing observation, denotation and analysis of behavior. (Not offered 2020-21).

*Prerequisite:* Biology 208 and either 106 or 109; or consent of instructor.

1 unit

**FG335** Independent Study:

Library or primary research or a combination thereof in an area of Women's Studies in which the student has a personal interest and the background to undertake the project. Must be arranged at least one block in advance.

*Prerequisite:* A Proposal & Arranged at least one block in advance.

1 unit

**FG336** Independent Study:

Library or primary research or a combination thereof in an area of Women's Studies in which the student has a personal interest and the background to undertake the project. Must be arranged at least one block in advance.

*Prerequisite:* A Proposal & Arranged at least one block in advance.

1 unit — Guessous, Lewis

**FG338** Latina/o Literature in the United States

Comparative study of works of Chicana, Puerto Rican, and Cuban authors, as well as Latin American writers in exile in the United States, including works by Cherrie Moraga, Gloria Anzaldua, Cristina Garcia, Nicholasa Mohr, and Julia Alvarez. (Not offered 2020-21).

1 unit

**FG339** Chicano Literature

Critical study of the literary production of authors of Mexican heritage in the United States from 1848 to the present, with emphasis on contemporary Chicano works including Rivera, Anaya, Valdez, El Teatro Campesino, Cisneros, Castillo, and Moraga. (Offered alternate years.) (Not offered 2020-21).

*Prerequisite:* Spanish 306 or consent of instructor.

1 unit

**FG348** Women's Liberation Movement in Communist China

Traces the development of the women's liberation movement in China, the growth of 'Communist Party Feminism,' the transition of women from 'beasts of burden to second-class citizens. ' (Not offered 2020-21).

1 unit

**FG351** Feminist Theology

Womanist theology is talk about God that concentrates on the religious experience of African-American women. Alice Walker's term, womanist, refers to a black feminist who transmits the wisdom of black women's cultural heritage and is concerned with issues of both racism and sexism. As theologian Karen Baker-Fletcher describes the problem, 'little attention has been given to women's nature in Euro-centric ontologies, and black women have been excluded most of all. ' If humankind has been conceived as 'man' to the exclusion of women, 'woman' has been conceived as white women to the exclusion of women of African descent. What it means to be black and female is an ontological questions: what does it mean to be human in relation to God and the world when one is black and female? This course will explore the question from historical, contemporary, ministerial, and personal perspectives as a way of understanding black women and their religious development. (Not offered 2020-21).

1 unit

**FG352** Holy Men, Manly Men: Gods, Buddhas, and Gurus in South Asia

Cults of masculinity have been intrinsic to South Asian culture for millennia. Whether in ancient vedic literature, or in the heterodox traditions of Buddhism and Jainism and the Hindu epics that followed; whether in the ascetic traditions of yoga, the popular puranas, or the lives of modern-day saints -- the leading Man has been carefully fashioned to represent power, purity and prestige. This course examines such texts and traditions from diverse periods in Indian history in order to identify and deconstruct the ideologies that divinize masculinity and masculinize divinity. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Religion 160 or Religion 170 or consent of instructor.

1 unit

**FG357** Women in Hinduism & Buddhism

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**FG360** Women and Public Policy in 20th Century America

This course will focus on gender issues and public policy. The course will encourage you to look for the structural influences that condition individual options and choices and provide some new tools for analyzing women's lives. Looking at gender justice from a public policy perspective should alert you to the importance of political battles over policy in shaping the context in which women operate as social actors. Our focus will not be on the technical aspects of policy making, but rather on the implicit and often explicit assumptions about gender incorporated into policy and on examining the context and causes of policy shifts over time. We will also be attentive to women as political claimants seeking to influence policies that affect their lives, and to the different ways that women experience politics. One of the primary goals of this course is to address the problem of agreeing on a definition of gender justice and the consequent challenges involved in developing gender-justice policies. Topics may include: reproductive technology and control; sexual violence; workplace problems (discrimination, pay equity, childcare); welfare; women's health; military obligation. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**FG363** Devi: Goddesses of India

A study of various Hindu goddesses, including their iconography and particular powers, as well as the ritualistic ways in which they are worshipped in diverse regions of India, with a glimpse of feminist appropriations of Kali in the West as well. Primary and secondary readings include poetry, theology, and historical-critical studies, and films depicting various rituals. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

*Prerequisite:* Religion 160 or consent of instructor.

1 unit

**FG370** Nineteenth Century American Women Writers

We'll study prose works - ranging from previously neglected texts such as *Hope Leslie* to familiar texts such as *Little Women* - by American women of the nineteenth century. We'll look at some fundamental issues that creative women have faced during this time: the social construction of womanhood, the urgent moral and political issues of the day, the emergence of an American literary culture, and how each writer situated herself in relation to the power of the written word. We'll be looking at how literature of this period both reflects and shapes the lives of middle-class women, affluent women, women of color, immigrant women, working women, married women, single women, girls embarking on womanhood and older women coming to terms with their life choices and social constraints. (Not offered 2020-21).

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit

**FG382** Gender Differences and Similarities

An examination of research and theory on psychological gender differences and similarities. 'Nature and nurture' explanations for differences are explored. Special attention is paid to methodological issues, and to critiques of traditional, and androcentric methods of data collection and analysis. (Not offered 2020-21).

*Prerequisite:* Psychology 100 or 101 or consent of instructor (201 recommended).

1 unit

**FG387** African-American Women Writers

Three centuries of texts by African-American women who have conspired with, rebelled against, and created literary traditions, such as Zora Neale Hurston, Pauline Hopkins, Rita Dove, Andrea Lee, and Nella Larsen. (Not offered 2020-21).

1 unit

**FG404** Senior Project:

This independent study, guided by the assigned faculty First Reader, results in a completed draft of the written component of the senior capstone project.

*Prerequisite:* Feminist & Gender Studies 200, any discipline-based research methods course (see FGS website for list of courses), and Feminist & Gender Studies 311.

1 unit — Guessous, Lewis

**FG405** Advanced Senior Project

This independent study continues the work of FG404: Senior Project, resulting in the completion of the senior capstone project.

*Prerequisite:* Feminist & Gender Studies 404 Senior Project;.

1 unit — Guessous, Lewis

**FG410** Feminist Praxis Internship

This course is designed for the student to intern with an organization that is closely related to the work of one or more standard feminist and gender studies courses. Students will consider a body of feminist theory and/or critique in light of an organization's actual goals and practices. In addition to providing assistance to the organization, students will conduct a feminist critique of the philosophy, structure and workings of the organization during and after the internship period. Must include readings and writing assignments as determined by the faculty member and student, and must be arranged at least one block in advance. (Not offered 2020-21).

*Prerequisite:* Any FG course or consent of instructor.

.5 unit

**FG415** French Feminist Theory

(Not offered 2020-21).

*Prerequisite:* Feminist & Gender Studies 110 or consent of instructor.

1 unit

**FG416** Senior Seminar: Advanced Readings in Feminist & Gender Studies

Provides advanced engagement with feminist and gender studies texts

*Prerequisite:* Feminist & Gender Studies major, Senior Standing.

1 unit — Kumar

## Film and Media Studies

*Applicable for the 2020-2021 academic year.*

**Film and Media Studies Website** (<http://www.coloradocollege.edu/academics/dept/filmandnewmedia/>)

Assistant Professor Arom CHOI Assistant Professor Baran GERMEN Associate Professor & Chair Scott KRZYCH Associate Professor & Associate Chair Dylan NELSON

Film and media studies is increasingly essential to a rigorous liberal arts education. Our program integrates critical studies with creative practice, preparing students to understand moving images, harness media technology, and participate actively in a swiftly changing media landscape. Students study cinema and media history and theory, while pursuing creative work in a variety of forms, including fiction and documentary film, screenwriting, radio, television, video games and other digital technology. This cross-disciplinary major incorporates courses in art, literature, sociology, philosophy, music, theater, dance, and global cinema. Building on Colorado College's history of innovation in liberal arts education, the Film and Media Studies Program produces students who are engaged thinkers, thoughtful and collaborative practitioners, and who have achieved success in film and media industries as well as many other fields.

## Major Requirements

### Film and Media Studies (12 units)

#### Core Courses (3 units)

- FM101: Introduction to Film Studies
- FM102: Basic Filmmaking
- FM301: Advanced Theory and Research Methods

#### Genre, History, and Theory (3 units, at least one of which must be at the 300 level)

- FM200: Topics in Genre and History
- FM201: Media Theory and Cultural Studies
- FM228: Experimental and Expanded Cinema
- FM203: Media and Psychoanalysis
- FM300: Film History and Theory
- FM303: Philosophy of Technology
- FM305: Advanced Topics in Film and Media Studies
- FM330: On Location: Hollywood

#### Form and Filmmaking (2 units, at least one of which must be at the 300 level)

- FM202: Screenwriting
- FM210: Topics in Filmmaking
- FM240: Directing the Fiction Film
- FM260/360: The CC Film Institute (offered in Summer Session; 1 unit of Form & Filmmaking credit + 1 unit of Elective credit)
- FM302: Advanced Filmmaking
- FM310: Advanced Topics in Filmmaking
- FM312: Documentary Form and Filmmaking

#### Electives (2 units)

- FM205: Topics in Film and Media Studies
- FM212: Writing for Performance
- FM215: Independent Work in Film and Media Studies
- FM216: Video Dance
- FM225: Topics in Media Practice:
- FM250: Videogames, Aesthetics, Culture
- FM315: Advanced Independent Work in Film and Media Studies

*Any courses from the Film and Media Studies major categories (Genre, History, and Theory; Form and Filmmaking) and any FM-numbered or cross-listed courses may be taken for elective credit.*

*No more than one independent study course may be counted toward the major. No more than two study abroad courses may be transferred for major credit. No more than one course may overlap with a student's minor. No more than two courses may overlap with a second declared major.*

#### Thesis (2 units)



- FM400: Independent Film, Filmmaking, and the Sundance Film Festival or FM405: Senior Seminar
- FM401: Senior Thesis (Critical) or FM402: Senior Thesis (Creative). An additional unit of FM401 or FM402 (as applicable), which will count as an elective, may be taken with approval of the department.

*Senior thesis projects must be proposed in writing during the spring of the junior year. Thesis project blocks may not be taken pass/fail.*

*To write an essay for the senior thesis, FM301 must be completed before the thesis block. To make a fiction film for the thesis, an approved course in writing for the screen or FM202 (Screenwriting) and FM302 (Advanced Filmmaking) are required and must be completed before the senior year. To make a documentary film for the thesis, FM312 (Documentary Form and Filmmaking) and FM302 (Advanced Filmmaking) or an approved course in documentary filmmaking are required and must be completed before the senior year. To write a screenplay for the senior thesis, FM202 (Screenwriting) and an approved course in creative prose writing are required and must be completed before the senior year. Other types of creative projects will also require FM202 (Screenwriting) or FM302 (Advanced Filmmaking) and additional relevant prior coursework; these must be approved on a case by case basis.*

## Courses

### Film and Media

#### **FM302** Advanced Filmmaking

Emphasizes control of all aspects of the visual experience in service of motion picture storytelling. Acquaints students with advanced digital filmmaking techniques, including mattes, special effects, green screen compositing, and 3D animation, as well as the use of manual cameras, more sophisticated lighting methods, and motivated camera movement. Analyzes the concepts, language, and methods of film expression and stresses the processes of collaboration, critique, and revision. Culminates in a public screening of student work.

*Prerequisite:* Film and Media Studies 102.

1 unit — Choi, Mahaffie, Nelson

#### **FM310** Advanced Topics in Filmmaking:

Introductory work in specific areas, or with specific techniques, of filmmaking or writing. Includes critical reading and writing with an emphasis on applied projects. 1 unit.

1 unit

## French

*Applicable for the 2020-2021 academic year:*

**French Website** (<http://www.coloradocollege.edu/academics/dept/french-italian/>)

Professor: Michael O'Riley Associate Professors: A. TALLANT, I. WADE (chair) Assistant Professor: N. DIOP

Students who have taken French, Italian, or Spanish in high school must take a computerized placement test before enrolling in a language or literature course in the Department of French and Italian. We strongly recommend that they take the 20-minute test on-line upon their arrival at the college.

## Major Requirements

### French

A student majoring in French has two French major options:

1. French and Francophone Studies
  1. all required courses: 305, 306, 431 and 432
  2. six literature or culture courses at the 300-level

TOTAL: 10 units

2. Romance Languages (French Major; Second language focus in Spanish, Italian or Portuguese)
  1. all required courses: 305, 306, 431 and 432
  2. three literature or culture courses at the 300-level;

Courses for second language focus in SPANISH:

1. 305 and two Spanish culture or literature courses.
2. elementary or more advanced Italian, Portuguese, or Latin.

Courses for second language focus in ITALIAN:

321. 305 and two additional Italian courses from 304, 306, 309, 315, 316, 320, 321.
  322. elementary or more advanced Spanish, Portuguese, or Latin.
- Courses for second language focus in PORTUGUESE:
- 305 and two additional culture or literature courses
  - Third Language focus
  - 202 level in Spanish, Italian, Portuguese or Latin

TOTAL: 11–12 units.

The department confers distinction based on senior thesis (432) and department work.

Students who study abroad on programs other than Colorado College's must take at least two courses beyond 306, in addition to 431 and 432 at Colorado College, as well as completing the detailed major requirements described above, to receive a French degree from the college. Only two credits from any unaffiliated program abroad will be accepted into the major.

Transferring students and students who have taken the Advanced Placement (AP) examination should contact the department before taking any language or literature course, since some of the requirements for the major may be waived.

## Minor Requirements

### The French Language Minor (6 units beyond FR102)

The prerequisite for admission to the minor is 101 and 102 (2 units) or equivalent. Students must complete a minimum of six units, including the following: 201, 202, 305, and three courses at the 300 level. Students who initially place at the 300 level as a result of previous French must complete four CC French courses at the 300 level. College transfer credit will be accepted, but at least three 300-level French courses must be completed at Colorado College. Only one credit from an unaffiliated program will be accepted into the minor.

## Courses

### French

#### **FR101** Elementary French I

This course is designed as an introduction to the language and cultures of French-speaking (Francophone) regions of the world. In a simulated immersive environment enhanced with texts, audio-visual and internet resources, students will begin to develop competencies in listening, speaking, reading, and writing about self-generated information related to their daily lives and to life in different foreign cultural settings. Emphasis on the acquisition of basic communicative skills, i.e. naming and describing people, places, and objects in Francophone and non-Francophone cultural settings.

1 unit — Haklin, Tallent

#### **FR102** Elementary French II

This course is designed to build on skills acquired in FR101. In a simulated immersive environment enhanced with texts, audio-visual and internet resources, students will continue to develop competencies in listening, speaking, reading, and writing about self-generated information related to their daily lives and to life in different foreign cultural settings. Students will use language to complete simple tasks in specified Francophone as well as non-Francophone contexts. Prerequisite: FR101 or COI. (We strongly recommend that students take 102 within 8 blocks of 101.) 1 unit.

*Prerequisite:* French 101.

1 unit — Diop, Haklin

#### **FR103** Review of Elementary French

Review of Elementary French. A lower-level maintenance course. Review of grammar with supervised oral practice.

*Prerequisite:* French 101 or equivalent.

.25 unit — Tallent

**FR104** Review of Elementary French

Review of Elementary French. A lower-level maintenance course. Review of grammar with supervised oral practice.

*Prerequisite:* French 101 or equivalent.

.25 unit

**FR105** The Senegal Project: French, Wolof, and Cultural Studies in

(Summer only 2020-21).

*Prerequisite:* consent of instructor.

2 units

**FR159** French Civilization

This course will retrace the most important aspects of French culture from the 'entre-deux-guerres' period to the present through fiction, film, essays and plays. We will study the cultural life of this period and will explore the German Occupation, the Vichy government ideology, the Shoah, the politics of immigration. Readings will include works from Albert Camus, Jean-Paul Sartre, Marguerite Duras, Patrick Modiano, Eugene Ionesco. (Not offered 2020-21).

*Prerequisite:* First Year Experience Course.

2 units

**FR160** Haiti's Past and Present through Literature

This course will examine the historical narratives of Haiti's past and how they seek to explain the themes of exploitation and corruption that have characterized the country's present. We will read about the individuals and events of Haitian history and explore the often catastrophic effects that the cultural forces of colonialism, racism, and imperialism have had on the nation's development. From plays recounting the Haitian revolution and Toussaint l'Ouverture, to prose fiction depicting daily life before, during, and after the 2010 earthquake, we will identify how literary works—through their language and themes—speak forcefully against the dominant narratives depicting the Haitian people as willing victims of their own history. Taught entirely in English, but with some basic French and Haitian Creole language instruction where appropriate. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

2 units

**FR201** Intermediate French I

This course is designed to build on the communication skills acquired in elementary French courses. In a simulated immersive environment enhanced with French/Francophone texts, films, and Internet resources, students focus on developing reading, writing, speaking, and

listening skills as well as increasing their knowledge and understanding of French/Francophone cultures. Prerequisite: French 102 or equivalent.

*Prerequisite:* French 102 or equivalent.

1 unit — Diop

### **FR202** Intermediate French II

202 Intermediate French II. This course is designed to build on the communication skills acquired in FR 201. In a simulated immersive environment enhanced with French/Francophone texts, films, and internet resources, students focus on developing reading, writing, speaking and listening skills as well as increasing their knowledge and understanding of French/Francophone cultures. Prerequisite: French 201 or COI. 1 unit.

*Prerequisite:* French 201.

1 unit — Haklin

### **FR203** Review of Intermediate French

Review of Intermediate French. A maintenance course for students who have taken French 201 or have an intermediate level of competence in French. A systematic review of grammar with supervised oral practice.

*Prerequisite:* French 201 or equivalent.

.25 unit — Diop

### **FR204** Review of Intermediate French

Review of Intermediate French. A maintenance course for students who have taken French 201 or have an intermediate level of competence in French. A systematic review of grammar with supervised oral practice.

*Prerequisite:* French 201 or equivalent.

.25 unit

### **FR205** The Senegal Project: French, Wolof and Cultural Studies in

(Summer only 2020-21).

2 units

### **FR207** Intermediate French in Senegal (taught in Africa)

(Summer only 2020-21).

2 units

### **FR208** Great Authors in Translation

For students who do not have time to develop the French skills necessary to take advanced

literature courses, but still want to study and become familiar with well-known works from the French and Francophone literary tradition . Emphasis on historical and literary context, identifying major themes, and close readings of key passages. Authors may include: Moliere, Voltaire, Alexandre Dumas, Victor Hugo, Emile Zola, Marguerite Duras, Ousmane Sembene, and Albert Camus. (Not offered 2020-21).

.5 unit

### **FR211** Intermediate French and Cultural Studies in Francophone Africa

The sub-Saharan African region, specifically the country of Senegal, offers a unique experience to students, from both linguistic and socio-cultural perspectives. The course for Summer Session 2006 will provide students with the unique opportunities to travel in Africa and study language (in this case intermediate French) and culture within the broader international content. It will be based primarily on perspectives on literature, history, geography, social anthropology, politics, ecology and arts and crafts as well as on a formal and total immersion in language learning. The course will be mostly an exploratory learning experience, which includes an introduction to contemporary Africa through historical perspectives: examining the diversity of African cultures and sub-cultures through their indigenous and inherited legacies, particularly the Francophone regions. The course will also investigate the geo-politics of the colonial legacies by analyzing 'the African' definition of the state within the concept of nationhood. Furthermore, the course will expose the participant students to the intricate nature of African cultures, largely through prevailing cultural norms such as notions of caste, class and governmental politics, of the local African religions and the arts, etc. In regards to the ecology, guided field trips will be organized to expose participants to the diverse and rich nature of the Senegalese savanna fauna and flora. (Not offered 2020-21).

2 units

### **FR237** The New Faces of France

(Summer only 2020-21).

*Prerequisite:* consent of instructor.

1 unit

### **FR290** Advanced Language Study

Intensive study and review of basic concepts of French grammar in context: sentence structure, syntax, and syntagma. Further development of overall linguistic skills, with the goal of improving writing and speaking skills. Materials include grammar-focused materials on French/Francophone cultures, literary texts, films, and the Internet (Not offered 2020-21).

*Prerequisite:* French 202 or equivalent.

1 unit

### **FR299** French Language Study Abroad

In a fully immersive francophone environment enhanced with French/Francophone texts,

films, and internet resources, students focus on developing reading, writing, speaking, and listening skills as well as increasing their knowledge and understanding of French/Francophone cultures. This course is taught in France as a part of the CC semester in France program. The level of instruction will vary with each student, and the 2-block course may be counted as FR201 and FR202, FR202 and FR290, or two blocks of 300-level French courses, in each case satisfying the language requirement for graduation.

*Prerequisite:* French 102 and acceptance into the semester in France program.

2 units

**FR300** Orientation French Program (taught in France

Taught in France. (Not offered 2020-21).

*Prerequisite:* Must be enrolled in French Semester.

.5 unit

**FR301** Review of French with Emphasis on French/Francophone Civilizations and Cultures

A maintenance course for students who have taken a 300-level course or have an advanced level of competence in French. Significant supervised conversation, reading and writing practice.

*Prerequisite:* French 202 or equivalent.

.25 unit — O'Riley

**FR302** Review of French with Emphasis on French/Francophone Civilizations and Cultures

A maintenance course for students who have taken a 300-level course or have an advanced level of competence in French. Significant supervised conversation, reading and writing practice.

*Prerequisite:* French 202 or equivalent.

.25 unit

**FR304** Cultural Context and Oral Practice

Bridge course between intermediate-level and advanced language courses. Students will develop higher levels of listening comprehension, oral competence, and communicative proficiency and will acquire oral strategies of expression through the study of written and recorded cultural material dealing with a variety of aspects, issues, and realities of the Francophone world. Student activities in the course will include interactive oral presentations of selected web-based materials, of reading and recordings from targeted cultures such as: comic strips, articles, magazines, film clips, songs, etc.

*Prerequisite:* French 202 or equivalent.

1 unit — Diop

**FR305** Cultural Context and Written Expression

Advanced composition and conversation practice through the study of literary and cultural texts of France and the Francophone world.

*Prerequisite:* French 202 or equivalent.

1 unit — O'Riley

### **FR306** Cultural Context and Critical Analysis

Continues the acquisition of the French language and trains students in the most important methods of critical analysis through readings in different genres.

*Prerequisite:* 305 or equivalent.

1 unit — O'Riley

### **FR308** Cultures and Civilizations of French-Speaking Regions

The history, art, music, and literature of French-speaking regions (outside of France), such as Quebec, French Africa, French Latin America, and parts of Asia. Taught in French.

*Prerequisite:* 305 or equivalent.

1 unit — Wade

### **FR309** Translation Practice French/English/French

Introduction to theories of translation and a focus on techniques of translating technical, commercial, scientific, and literary texts from English into French and vice versa. Seeks to increase students' international communication skills while building up their cultural competence in French and Francophone worlds.

*Prerequisite:* French 290, French 305, or equivalent.

1 unit — Wade

### **FR310** Literature & Film

Analysis of several novels and screenplays of different periods in comparison with their film versions in order to examine various modes of interpretation of the two media. Conducted in English. Students wishing to obtain credit for the French major, or the minor, must consult the instructor at the beginning of the course. For majors, novels must be read and papers must be written in French. No prerequisite.

1 unit — O'Riley

### **FR316** Topics in French Culture (taught in English):

(Taught in English). Study of an aspect of French culture not represented in the regular curriculum. Topics may include various aspects of French culture such as France's history and its political and economic structures, as well as their interaction with art, music, film, language and literature. Students wishing to obtain credit towards the French major or minor must consult the instructor at the beginning of the course. For such students, all possible readings must be read and all papers must be written in French. Note: This course does NOT



fulfill the all-college language requirement for graduation

1 unit — Richman, Tallent

**FR317** Topics in Francophone Culture (taught in English):

(Taught in English). Study of an aspect of Francophone culture not represented in the regular curriculum. Areas of study may include the Caribbean, the Maghreb, Sub-Saharan Africa, or Quebec. Topics may include various aspects of these cultures such as their history and their political and economic structures, as well as their interaction with art, music, film, language and literature. Students wishing to obtain credit towards the French major or minor must consult the instructor at the beginning of the course. For those students, all possible readings must be read and all papers must be written in French. Note: This course does NOT fulfill the all-college language requirement for graduation

1 unit — Haklin, Tallent

**FR318** French for Business

A critical examination of professional cultures in the Francophone world, comparative studies of Francophone economies, and practical communicative skills including appropriate vocabulary and business etiquette, the correct forms of a CV and formal correspondence in French, professional presentation skills, and practice articulating the value of a liberal arts education in a professional context. 1.0 unit (Not offered 2020-21).

*Prerequisite:* French 202 or consent of instructor.

1 unit

**FR319** Topics in French Culture:

(Taught in French). Study of an aspect of French culture not represented in the regular curriculum. Topics may include various aspects of French culture such as France's history and its political and economic structures, as well as their interaction with art, music, film, language and literature.

*Prerequisite:* French 305 or French 306.

1 unit — Tallent

**FR320** Topics in Francophone Culture:

Topics in Francophone Culture (Taught in French). Study of an aspect of Francophone culture not represented in the regular curriculum. Areas of study may include the Caribbean, the Maghreb, Sub-Saharan Africa, or Quebec. Topics may include various aspects of these cultures such as their history and their political and economic structures, as well as their interaction with art, music, film, language and literature.

*Prerequisite:* French 305 or French 306.

1 unit — Diop, Djilo Kamga, Garcia, O'Riley

**FR321** Identity and Revolution

Examines the questions of identity and revolution in French and Francophone cultures. Topics may include the French Revolution, anti-colonial struggle, feminist theory, philosophical issues in relation to French/Francophone culture. Questions of individual, collective, and national identity examined through film, literature, new media and other sources. (Not offered 2020-21).

*Prerequisite:* French 306 or consent of instructor.

1 unit

### **FR323** Themes in Francophone Literature

Study of various themes in the literatures of the Caribbean, Sub-Saharan Africa, the Maghreb, or Quebec. Themes may include the politics of identity, exile, intertextuality, gender, women writers, etc. The structure and content of the course will depend on the theme and preference of the instructor. (Not offered 2020-21).

*Prerequisite:* French 306, or 307, or 308.

1 unit

### **FR324** Topics in Modern French Culture

In-depth study of one aspect of modern French culture, such as philosophy, feminism, the media, forms of popular cultural expression, film, minorities in French society, etc. (Not offered 2020-21).

*Prerequisite:* French 306, or 307, or 308 or consent of instructor.

1 unit

### **FR327** Studies in West African Cultures

Meets the Critical Perspectives: Global Cultures requirement. (Summer only 2020-21).

*Prerequisite:* French 305.

1 to 2 units

### **FR329** Paris & the Arts

This course will introduce students to various aspects of the Parisian world. May include 20th-century theater, prose and poetry, theater as a genre, film, the manner in which the French understand questions of gender, race and the environment; the intersection of low and high culture; the relationship of popular texts to ideology. Taught in Paris, but not offered every year. (Not offered 2020-21).

*Prerequisite:* French 306, or 307, or 308 or consent of instructor.

1 unit

### **FR409** Independent Reading:

Senior majors only.

1 unit

### **FR431** Research Methods

Methods of analysis and theories of literature and culture. Training in research methodology; selection of topic for senior project, portfolio, or senior thesis; research and presentation of work in progress. Required of all majors.

*Prerequisite:* Required of all Majors.

1 unit — Diop

### **FR432** Senior Capstone

A final project, portfolio, or thesis (pending department approval), based on the research and preparation conducted in FR431. All students will present their finished products in a formal presentation in French.

*Prerequisite:* French 431.

1 unit — Diop

## **Geology**

*Applicable for the 2020-2021 academic year.*

**Geology Website** (<http://www.coloradocollege.edu/academics/dept/geology/>)

Professors H. FRICKE, P. MYROW, S. SCHANZ, C. SIDDOWAY (Chair), ROSARIO ESPOSITO, SOLOMON SEYUM (Riley Scholar)

### **Major Requirements**

**GEOLOGY COURSES** -- All majors must pass courses listed in categories A through F below with a grade of C-/S or above:

A. Entry-level (1 unit):

GY130 Introductory Geology or GY140 Physical Geology

B. 200-level (2 units):

GY211 Earth as a Chemical System *and*

GY212 Investigating Earth as a Physical System

C. 300-level (6 units):

- GY305 Stratigraphy and Sedimentation
- GY320 Surface Processes and Geomorphology
- GY335 Geochemistry of the Rock Cycle
- GY310 Igneous Petrology *or* GY313 Metamorphic Petrology

- GY308 Introductory Geophysics
- GY315 Structural Geology

D. Elective in Geology (1 unit): Courses must be at the 200 or 300 level; GY207 and GY307 excluded. GY 400 or 445 may count toward this requirement if another class is used to satisfy the Capstone Requirement (E). EV211, EV311, or EV431 may be used to fulfill this requirement.

E. Capstone (1 unit): One of: GY400, GY445 Regional Studies, or GY405 (senior project or senior thesis) [Note: a single course may not be used to satisfy both D and E.]

## 11 GEOLOGY UNITS TOTAL

### Other Required Courses:

All majors must also pass the following with a grade of C-/S or above:

- PC 141– Introductory Physics I or PC 241 – Introductory Classical Physics I
- CH 107 – General Chemistry I
- MA 117 or BY 220 or EV228 – Probability and Statistics
- MA 126 – Calculus I

## 15 UNITS TOTAL

Geology majors, and especially those intending to go on to graduate school in geology, are strongly urged to take additional courses in geology, environmental science, mathematics and computer science, chemistry, physics, and biology; to take GY400 Senior Seminar in Geology, and to attend a summer geology field camp offered by a university.

AP credit may not be counted towards the supporting science requirement. Students with AP credit or who have tested out of any of the above courses in PC, CH, or MA must take the next higher course in the department's sequence.

## Courses

### Geology

#### **GY100** Studies in Geology:

Geological topics, such as environmental hazards, plate tectonics, and mineral resources and society, offered in different years. No prior knowledge of geology is assumed. May not be taken for credit after 130. (Only one Geology 100 course unit may be applied toward divisional credit in the natural sciences.) (May meet the laboratory/field requirement for natural sciences.)

*Prerequisite:* No credit if taken after 130 or 140.

1 unit

#### **GY101** Catastrophic Geology: Causes and Consequences of Natural Disasters

An examination of the nature and causes of earthquakes, volcanos, and floods through in-depth study of several seminal hazardous events and regions. Unique and occasionally conflicting perspectives from historic/pre-historic records, modern science and present/future economics and politics underscore the slow progress in our understanding of these catastrophes. The events will also be examined within the global framework of plate tectonic theory to enhance understanding of dynamic earth processes. .5 or 1.0 unit. The 1.0 unit course provides one block toward the Critical Perspective: Scientific Inquiry requirement. (Not offered 2020-21).

.5 to 1 unit

### **GY115** Oceanography

Basic principles of physical and chemical oceanography. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

1 unit — Myrow

### **GY125** Introduction to GIS

(Summer only 2020-21).

1 unit

### **GY130** Introductory Geology

The materials of the earth, earth processes and interrelationships between these domains. History of the earth, with emphasis on how geologists accomplish their historical inquiries. (Meets the laboratory/field requirement for natural sciences.) Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Not offered 2020-21).

*Prerequisite:* No credit after Geology 140.

1 to 2 units

### **GY135** Geology of the Pikes Peak Region

GY 135 is an introductory physical geology course with a strong emphasis on conceptual understanding of the geologic sciences through mainly outdoor observation and inquiry. During this course students learn to identify minerals and rocks in outcrops, to make observations and interpretations of the history of the rocks, to understand the processes that cause folding, faulting and erosion of the rocks, and to solidify this knowledge through lab work and field observation. Students will be evaluated on the basis of their ability to observe, analyze and interpret geologic phenomena, as well as with a traditional test on classroom-based material. The course is designed build practical skills in practice of the scientific method, critical thinking, and quantitative analysis. Schedule: Several field trips Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Summer only 2020-21).

1 unit

### **GY140** Physical Geology

The fundamentals of physical geology: igneous, metamorphic, and sedimentary rocks; basic mineralogy; structural geology; mapping; and examination of local stratigraphic units. (Meets the laboratory/field requirement for the natural sciences.) Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

*Prerequisite:* No credit after Geology 130.

1 unit — Esposito, Fricke, Schanz, Seyum

### **GY150** Environmental Geology

A survey of environmental issues from the geologist's perspective, including such topics as: hazards from volcanoes, earthquakes, and floods, bio-geochemical cycles and atmospheric change, and energy and mineral resources. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2020-21).

1 unit

### **GY205** Historical Geology

Historical development of the Earth and life history emphasizing the major tectonic and stratigraphic patterns and the feedback between the physical Earth and biological evolution. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

*Prerequisite:* Geology 130 or 140.

1 unit — Myrow

### **GY207** Independent Study in Geology

Independent research projects based on laboratory, field or library investigations. May be taught in extended format or regular course.

*Prerequisite:* Geology 140, consent of instructor and registration at least 1 block prior.

.5 to 1 unit

### **GY210** Fundamental Geological Methods and Rocky Mountain Evolution

Foundational methods in geology, taught through field studies that examine the regional geology and tectonic evolution of the Rocky Mountain Region. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2020-21).

*Prerequisite:* Geology 130 or 140, and Chemistry & Biochemistry 107, Physics 141 or Physics 241 recommended. No credit if taken after Geology 211 or 212.

1 to 2 units

### **GY211** Earth as a Chemical System

Study of the earth as a chemical system where a limited number of elements react over a range of geologic conditions to form igneous, sedimentary and metamorphic rocks characterized by unique mineral assemblages. Topics covered include processes driving

rock-forming reactions, where they take place, and why certain minerals are associated with each rock type. Also included is a study of the chemistry, crystallography and identification of silicate and other common minerals based on their physical, optical and diffractive properties. Field and lab projects enable students to build upon their knowledge of Rocky Mountain geology. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

*Prerequisite:* Geology 130 or 140;CH 107.

1 unit — Fricke

### **GY212** Investigating Earth as a Physical System

Studies of rock deformation, landscape formation and earth structure are used as a framework for developing skills in hypothesis formation, project design, data analysis and scientific writing. These skills serve as a foundation for work in higher-level Geology courses and on independent research projects Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

*Prerequisite:* Geology 130 or 140; Physics 141 or 241 No credit if taken after Geology 210.

1 unit — Siddoway

### **GY230** Volcanology

Volcanic types, processes and products. Volcanic hazards and prediction. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2020-21).

*Prerequisite:* consent of instructor or Geology 210 or Geology 211.

1 unit

### **GY240** Plate Tectonics

History of Plate Tectonics and its formulation, paleomagnetic record of ocean crust, geodynamics and tectonic theory, active tectonics, current frontiers. (Not offered 2020-21).

*Prerequisite:* Geology 130 or 140 and one 200-level GY course.

1 unit

### **GY250** Studies in Geology:

Geological topics, such as Advanced Environmental Geology, Hydrology, Mineral Resources Problems and Policies, and Colorado Alpine Environments, offered in different years. (May meet the laboratory/field requirement for natural sciences.) (Not offered 2020-21).

*Prerequisite:* Geology 130 or 140.

1 unit

### **GY300** Invertebrate Paleontology

Microscopic and megascopic study of the significant fossil invertebrate phyla with emphasis on taxonomy, morphology, ecology and evolution. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2020-21).

*Prerequisite:* Geology 130 or Geology 140 and Geology 210 or Geology 212.

1 unit

### **GY305** Stratigraphy & Sedimentation

Transport and deposition of sediment, modern and ancient depositional systems, basin analysis, and correlation of sedimentary rocks. Field work emphasizes analysis of sedimentary structures and facies models for paleoenvironmental interpretation.

*Prerequisite:* Geology 210 or Geology 211.

1 unit — Myrow

### **GY307** Independent Study in Geology

Independent research projects based on laboratory, field or library investigations. May be taught in extended format or regular course.

*Prerequisite:* One prior course in the discipline of study, consent of instructor and registration at least 1 block prior.

1 unit — Seyum, Siddoway

### **GY308** Introductory Geophysics

Applications of physics to the study of Earth structure from crust to core. Seismology, magnetics, gravity, and geodesy. Explores history of Earth's formation, current geologic and tectonic problems, and uniqueness of interpretation issues. (Not offered 2020-21).

*Prerequisite:* Mathematics 125 or Mathematics 126, Physics 141 or Physics 241, and Geology 210 or Geology 212 or consent of instructor.

1 unit

### **GY310** Igneous Petrology

Classification, modes of occurrence and origin of igneous rocks.

*Prerequisite:* Geology 210 or Geology 211 and Chemistry & Biochemistry 107.

1 unit — Esposito

### **GY313** Metamorphic Petrology

Classification, modes of occurrence and origin of metamorphic rocks. Emphasis is on field relations and thin section work. (Not offered 2020-21).

*Prerequisite:* Chemistry & Biochemistry 107 and Geology 210 or Geology 211.



1 unit

### **GY315** Structural Geology

A study of the geometry and origin of rock structures from microscopic to continental scale. Mechanical behavior of rocks, stress and strain, plate tectonic context of rock deformation.

*Prerequisite:* Geology 210 or Geology 212 and Physics 141 or Physics 241.

1 unit — Seyum

### **GY316** Field Analysis of Geological Structures

Techniques of field and laboratory analysis of deformed rocks. Geological mapping in metamorphic and sedimentary terrains. (Not offered 2020-21).

*Prerequisite:* Geology 315.

1 unit

### **GY320** Surface Processes and Geomorphology

Mechanical and chemical processes involved in the development of landforms. Discussion of weathering and soils, mass movement, fluvial, and glacial/periglacial processes and landforms, tectonic geomorphology, and landscape evolution. Course involves significant components of laboratory and field work. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

*Prerequisite:* Geology 210 or Geology 212 and Physics 141 or Physics 241.

1 unit — Schanz

### **GY321** Glacial Geology

An introduction to glaciology and glacial geomorphology. Course also examines the nature, history, and causes of Quaternary glaciation. (Not offered 2020-21).

*Prerequisite:* Geology 260 or 320 or consent of instructor.

1 unit

### **GY335** Geochemistry of the Rock Cycle

Atomic-scale to lithospheric-scale investigation of geologic processes that occur as a result of chemical reactions, and the evidence of these reactions in the rock record. Includes study of chemical behavior of common and rare elements in the earth, and of isotopes of these elements. Theoretical concepts are reinforced by collection and analysis of geochemical data by students, critical reading of journal articles, and by scientific writing summary papers and research proposals. (Not offered 2020-21).

*Prerequisite:* Geology 210 or Geology 211 and Chemistry & Biochemistry 107.

1 unit

**GY370** Advanced Studies in Geology:

Advanced geological topics. These courses are aimed at students with considerable background in geology and will generally involve critical reading of current literature. Topics will vary year-to-year.

*Prerequisite:* depending on topic.

1 unit — Esposito, Schanz

**GY400** Senior Seminar in Geology:

Thematic capstone seminar designed to integrate aspects of several geologic disciplines. Emphasis will be placed on current topics in the geological literature, including their historical and philosophical contexts. Topics will vary year-to-year. Senior standing in geology is required. Class size limit is 15 students.

*Prerequisite:* Senior Geology Major.

1 unit — Hillebrand, Siddoway

**GY405** Research Topics in Geology:

Student participation in original research. The particular topic, chosen in conjunction with a faculty member, to be included in the course title whenever offered. (May be taken either as a block course or as an extended format course with 1/2 unit of credit per semester.)

1 unit — Fricke, Myrow, Schanz, Siddoway

**GY445** Regional Studies in Geology

An in-depth study of a geological region that requires students to apply fundamental knowledge and skills acquired through the course of their college education. Involves in-depth study of primary rock relationships in a field setting, critical reading of published geological literature, and interpretation and synthesis in oral/written formats.

*Prerequisite:* Senior Geology major and consent of instructor.

1 unit — Esposito, Leonard

**German**

*Applicable for the 2020-2021 academic year.*

**German Website** (<https://www.coloradocollege.edu/academics/dept/german/>)

Professor DAVIS; Associate Professor STECKENBILLER; Assistant LISIECKI.

**Major Requirements****German Studies Major**

A student majoring in German studies must complete nine units beyond the level of German 202, including GR305 (Composition, Conversation, and Context), GR416 (Senior Project), and seven additional elective courses. Students will work closely with their major advisor to develop a course of study that addresses their interests. Elective courses must be approved by the major advisor. Three of the elective courses may be German courses offered in translation at the 200 level, or courses in other disciplines that have a thematic focus on German Studies. GR 120 and 121 (offered only through the study abroad program in Lüneburg) may substitute for two of these electives. The remaining four electives must be fulfilled by German courses above the level of GR305 in which all work is completed in the German language.

German majors are encouraged to apply for one of the two annual stipends for a year of study at the Universities of Regensburg or Göttingen. The college's own fall semester at the University of Lüneburg, Germany, allows students to study German language at all levels. A student may also minor in German (details below).

## Minor Requirements

### German Studies Minor

The prerequisite for admission to the minor is GR102 or the equivalent. Students must complete a minimum of six units, including GR201, GR202, and GR305, as well as three elective courses. Two electives may be GR120 and/or GR 121 (offered only through the study abroad program in Lüneburg), German courses offered in translation at the 200 level, or courses in other disciplines that have a thematic focus on German. The remaining elective must be fulfilled by a German course above the level of GR305 in which all work is completed in the German language.

## Courses

### German

#### **GR100** German Language Introduction

(Summer only 2020-21).

1 unit

#### **GR101** Elementary German (I)

An introductory German language course with emphasis on four basic skills--reading, writing, speaking and listening comprehension.

1 unit — Steckenbiller

#### **GR102** Elementary German (II)

An introductory German language course with emphasis on four basic skills--reading, writing, speaking and listening comprehension.

*Prerequisite:* successful completion of German 101, or placement into German 102 by an adequate score on the German placement exam.

1 unit — Lisiecki

**GR103** German Skill Maintenance

Reading material and exercises maintain previously acquired skills until the student is able to continue with 201.

*Prerequisite:* German 101.

.25 unit — Steckenbiller

**GR104** German Skill Maintenance

Reading material and exercises maintain previously acquired skills until the student is able to continue with 201.

*Prerequisite:* German 101.

.25 unit — Lisiecki

**GR120** Germany Cultural History 1

Explores major elements of the cultures of German-speaking countries from the Middle Ages through the 18th Century. Through the study of texts from literature, philosophy, art and music, examines key moments in German cultural history from the Age of Charlemagne and the “Holy Roman Empire,” to the Enlightenment. Taught in English. (Not offered 2020-21).

1 unit

**GR121** German Cultural History 2

Through the examination of various forms of media such as writing, film and music, explores major elements of the cultures of German-speaking countries from Romanticism to the present. Taught in English. (Not offered 2020-21).

1 unit

**GR150** German Skill Maintenance

A German language half-block course with emphasis on four basic skills--reading, writing, speaking and listening comprehension. Intended as a review and cannot substitute for GR101, GR102, GR201, or GR202. (Not offered 2020-21).

.5 unit

**GR200** German Language

1 unit

**GR201** Intermediate German I

Building language proficiency through a systematic review of German grammar and readings of selected texts. (Completion of this level is required for participation in the

German semester in Luneburg.)

*Prerequisite:* 102 or equivalent.

1 unit — Lisiecki

### **GR202** Intermediate German II

A continuation of German grammar review begun in German 201, with special emphasis on vocabulary building through readings, discussions and special projects.

*Prerequisite:* 201 or equivalent.

1 unit — Steckenbiller

### **GR205** German Skill Maintenance

Maintenance of language proficiency for students at the advanced intermediate level or higher.

*Prerequisite:* German 201.

.25 unit — Lisiecki

### **GR206** German Skill Maintenance

Maintenance of language proficiency for students at the advanced intermediate level or higher.

*Prerequisite:* German 201.

.25 unit — Steckenbiller

### **GR209** German Theatre Workshop

Participation in performance and production aspects of a German play. Presented in the German language. Rehearsal time: 6-8 weeks. (Not offered 2020-21).

.25 unit

### **GR220** Intermediate Topics in German Studies:

Exploration of a selected topic in German Studies (including literature, film, history, philosophy, et al.). Taught in English, and all work may be completed in English.

*Prerequisite:* taught in English.

1 unit — Davis, Grace, Hernandez-Lemus, Siefken

### **GR305** German Composition, Conversation, and Context

Advanced study of German language and culture focusing on all four skills with an emphasis on writing and conversation. Course content will include authentic material to raise cultural awareness and increase students' knowledge of contemporary German culture.

*Prerequisite:* German 202 or placement into German 305.

1 unit — Davis

**GR306** German Composition and Conversation II

Continued work toward proficiency in written and spoken German with attention to stylistic nuance and fluency of expression. (Offered in Luneburg only.) (Not offered 2020-21).

*Prerequisite:* 305 or equivalent.

1 unit

**GR311** Independent Reading:

For students wishing to read literature not covered by courses they have taken or to bridge scheduling difficulties. (This course may also be taken in extended format, i.e. over 4 blocks for 0.5 unit or over 8 blocks for 1 unit.)

*Prerequisite:* consent of instructor.

1 unit — Lisiecki, Steckenbiller

**GR312** Independent Reading:

For students wishing to read literature not covered by courses they have taken or to bridge scheduling difficulties. This course may also be taken in extended format, i.e. over 4 blocks for 0.5 unit or over 8 blocks for 1 unit.)

*Prerequisite:* consent of instructor.

.5 to 1 unit

**GR320** Advanced Topics in German Studies:

Advanced study of German language and culture focusing on all four skills with an emphasis on writing and conversation. Course content will include authentic material to raise cultural awareness and increase students' knowledge of contemporary German culture.

*Prerequisite:* German 305 or above.

1 unit — Davis, Grace, Lisiecki, Siefken

**GR416** Senior Project

The Senior Project will reflect the student's course of study and academic, personal, and professional interests, and must be approved by the major advisor.

*Prerequisite:* consent of instructor & Completion of requirements for major, arranged any block.

1 unit — Lisiecki, Steckenbiller

# History

*Applicable for the 2020-2021 academic year:*

**History Website** (<http://www.coloradocollege.edu/academics/dept/history/>)

Professors NEEL, RAGAN, ROMMEL-RUIZ (Chair); Associate Professors MURPHY, WILLIAMS; Assistant Professors ADLER, KOHOUT, MARQUEZ, MEHTA, RATCHFORD, SANCHEZ, SMITH

History as a discipline views the past from today's vantage point, asking how experience guides us. The diverse material of history — documents, artifacts, historical contexts — calls for rigorous analysis expressed in cogent written and oral argument. Its study prepares students for employment and further study in a wide variety of professions, among them law, business, government, nonprofit management, library and museum leadership, and teaching.

Skills essential to contemporary life are important products of the history major, but the curriculum of this department is more ambitious. It grounds students' lives as well as their careers. Majors are educated to appreciate their own traditions and understand others. Their attention to politics, ideas, social structures, and economic systems informs their public contributions and their private choices. Just as we encourage Colorado College students to understand how their predecessors in this country and around the world invested their lives with meaning and beauty, we empower them to frame their own futures with flexible imaginations, forceful intellects, and a lively sense of the expanse of human possibility.

## Major Requirements

A student majoring in history must take a minimum of 10 or 11 units, including an introductory course; at least 6 units at the 200- or 300-levels; HY 399: Junior Seminar; and a 2-block senior sequence. Among the 6 elective units, students must satisfy the following: a course in U.S. history (1 unit), the Time Distribution requirement (2 units) and the Geographic Distribution requirement (3 units). The department strongly recommends foreign language competence beyond the intermediate level.

Course of Study:

- Introductory Course: HY110 or a two-block history course.
- Minimum of 6 elective units at the 200- or 300-levels. Within these 6 units, students must satisfy the following departmental requirements:
  - U.S. History requirement (1 unit)
  - Time Distribution (2 units): At least one unit addressing a period up through the 18th century and one unit addressing a period from the 18th century forward. (Note: units may also count toward geographic distribution.)
  - Geographic Distribution (3 units): At least one unit in three of the following six regions: Africa, East Asia, Europe, Latin America, Middle East, South Asia. (Note: units may also count toward period distribution.)

- Junior Seminar: Studying History (HY 399).
- Senior Sequence: HY 410 Advanced Seminar and HY 420 Senior Essay (2 units taken in consecutive blocks during the senior year). Students have the opportunity to write a senior thesis in lieu of the senior essay. This option requires departmental approval and a 3-unit Senior Sequence (HY 410, HY 430, HY 431).

Students with a minimum G.P.A of 3.6 within the major may submit their senior essays or senior theses to be considered for distinction.

## Minor Requirements

Students take five units in the department, including:

- Four courses at any level, including one from three of the following regions: Africa, East Asia, Europe, Latin America, Middle East, South Asia, United States
- HY399: Junior Seminar: Studying History
- Only one course can be counted for this minor if it is used to fulfill another major's requirements

## Courses

### History

#### **HY104** Culture, Society & History:

An introductory survey of human culture and society through the comparison of Europe and one other major area of the world from ancient to the modern period, focusing on fundamental topics in the development of world civilizations, including material culture, political organization, and aesthetics. The course will emphasize critical moments in historical development, thematic connections, and primary textual and visual sources. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 to 2 units

#### **HY105** Civilization in the West

Western civilization from ancient to modern times. Cultural, social, and political developments that shaped the modern world. The department offers this course in sections designated Europe or Atlantic World. Atlantic World includes the study of the heritage of Western civilization in the Western hemisphere. (Not offered 2020-21).

1 to 2 units

#### **HY109** Civilization in East Asia

East Asian civilization from ancient to modern times. Cultural, social and political developments that shaped East Asian nations and their place in the modern world. Introduces basics of historical method: contextualization, analysis, and critical evaluation of primary sources and their significance. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).



1 to 2 units

**HY110** Encountering the Past

An introduction to history through the study of a special subject in depth. Emphasis on the ways in which historians find and interpret the materials of the past. For students who do not complete the West in Time requirement in the History Department, a gateway to the History major. Topics designated according to the specialties of the faculty.

1 unit — Adler, Neel, Ragan, Sanchez

**HY115** Survey in Latin American History

Latin American history from pre-Columbian times to the present. Emphasis on colonial Mexico and Peru, the centers of Spanish power in the New World, and the political and social development of post-independence Argentina, Brazil, Chile and Mexico. Introduces historiography and the basics of historical method: contextualization, analysis and critical evaluation of primary sources and their significance. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

2 units

**HY116** Greek History and Philosophy

Aegean and Greek archeological, historical, literary, and philosophical texts, with emphasis on those ideas formative in shaping Western culture. The development and transformations of these ideas as reflected in selected texts from the early Christian era, the Enlightenment or the Modern Age. The rise of individualism and its conflicts with community, ritual relationships to nature vs. separation and exploitation, the relation of theology to the ordering of experience, and how psyche both forms and is formed by its relationships to community, nature, and god(s). (Not offered 2020-21).

1 to 2 units

**HY120** The American Past

Two block course that introduces the full sweep of American History from its pre-contact, 'New World' beginnings to the recent past. Students will experience how history is made, understood, revised, and debated. Themes include cultural encounters and adaptation complexities of ethnicity and immigration; movement; the success and failures of republican ideology, capitalism, individualism and community; and the formation of American cultures. (Not offered 2020-21).

2 units

**HY131** Civilization in the Middle East

Examines large-scale social structures and the question of 'ordinary' men and women from the seventh century C.E. to the present. Through a range of historical approaches-cultural, intellectual, political and social-and an emphasis on close reading of primary materials, students explore in what ways the histories of Islamic Civilization, Western Civilization, African Civilization, and Central Asian Civilization were connected histories and how people in the Middle East have critiqued their own societies and those of their

contemporaries. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 to 2 units

**HY150** Representations and Realities: Art and History in Europe: Ancient to Modern Art & Culture

This course examines art and cultural history in Europe from Antiquity through to the twentieth century. Taking an interdisciplinary perspective, one which seeks to bring art history and history in critical dialogue with one another, the students and professors will interrogate the meta-narrative of “progress” across time. In many ways, succeeding periods engaged in conversations with their pasts to make claims of domination through pictorial and cultural production. But it is important, too, to examine counter-narratives made by subaltern groups of the various eras, along the critical axes of gender, sexuality, class, ethnicity, race and other markers of identity. Students will be called upon to think systematically about “who” they themselves are in order to engage with the past and explore human similarities, as well as differences, across a long period of time. Thinking systematically about the notion of “critical bias” and the need to analyze the past in its own terms, as well as in ours, will open up avenues to thinking about the present in new ways. We will examine the most important eras of European history, in particular, Ancient Greece and Rome, the Middle Ages and the Renaissance, the early modern period, and the more recent past. (Not offered 2020-21).

2 units

**HY200** Topics in History:

Selected topics in the study of history. Specific content and emphasis to be determined by the instructor.

1 unit — Adler, Ashley, Flores, Marquez

**HY205** US History to 1860

Broad approach to the history of American traditions and institutions from Anglo-American settlement to the outbreak of the Civil War, addressing Native American-Anglo American encounters; colonization and development of Anglo-American culture and society; African Slave Trade and the Plantation Economy; American Revolution; Jeffersonian Ideology and Westward Expansion; Jacksonian Democracy and the Industrial Revolution; the Politics of Slavery and Secession. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Rommel-Ruiz

**HY206** US History since 1860

Broad approach to the history of the United States since the Civil War, focusing on multiple meanings of American freedom and the rise of the modern United States as a global power, including attention to Emancipation and Reconstruction; Industrialization, Migration, and Immigration; Civil Rights Movements and Protest Politics; the Great Depression, New Deal and WWII; American Foreign Policy and the Cold War; the Great Society, Vietnam, and the Challenge to the New Deal Order. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Adler

**HY209** Topics in Ancient History:

Detailed study of a period (such as the end of the Roman Republic or Periclean Athens) or a theme (such as slavery or the rise and fall of the middle class) in Greek and/or Roman history.

1 unit — Buxton, Cramer

**HY210** History of Native America

Introduces students to the history of native peoples primarily in North America. The course includes histories of individual native groups as well as the relationship between American Indians and a variety of Europeans from before contact until the present. Examines a variety of primary and secondary materials to see patterns in the ways that Native Americans have been affected by the process of conquest, the ways in which Anglo-Europeans have responded to Native Americans, and in the ways in which American Indians have become a part of and remained apart from 'mainstream' American culture. As a broader goal, we also look at the way 'history' is made, understood, and used by very different cultural traditions. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**HY211** Crime & Punishment

This course explores the ways the state, church, and the people dealt with crime and viewed justice in Renaissance, early modern, and modern Europe. Attention to topics such as heresy, the witch craze, and treason and to what ordinary and great trials reveal about changing attitudes toward criminal justice. (Not offered 2020-21).

1 unit

**HY212** American Environmental History

A survey of American history from the perspective of the environment, beginning with the biological and cultural invasion of the New World in 1492 and ending with current environmental problems and their historical roots. Topics include Native American vs. Euro-American views of nature, the impact of changing economic systems on the environment, and the impact of the landscape on various American cultures.

1 unit — Cornelius

**HY213** Foundations of Classical Culture

Athenian Democracy. The Greeks with Near Eastern and Indo-European background. Panhellenic epic and religion, the polis, philosophy, history, tragedy and comedy. Attention throughout to Greek and Latin literary forms, but no knowledge of ancient languages required. (Not offered 2020-21).

*Prerequisite:* Completion of CP:W required.

1 unit

### **HY216** History of the Roman Republic

Focus on the development of Rome, from a small city ruled by kings, to a regional power ruled under a Republic. The course will trace Rome's expansion through Italy, its conflict with Carthage and will closely examine the end of the Republic. Individuals discussed will include the Gracchi, generals Marius, Sulla, Pompey, Caesar, and Rome's greatest politician (and author) Cicero. (Also listed as Classics 216.)

1 unit — Thakur

### **HY217** American Frontiers

The process of conquering the American continent from 1492 to the present. An examination of the variety of forms that Euro-American conquest took (exploration, religion, economic development, settlement, and military encounter), the impact of conquest on native peoples, the social and economic development of the frontiers, and the lives that people led and lead in places considered frontiers. (Not offered 2020-21).

1 unit

### **HY218** Eastern Europe, Russia, and Eurasia

This two-block course will survey the history of the Eurasian region from Eastern Europe to the Central Asian and Pacific areas of Eurasia, with an important theme being the rise and fall of the Russian Empire, and the rise and fall of the Soviet bloc. The focus throughout will be on the ways in which religious, cultural, and ethnic identities were shaped by, accommodated to, and resisted the construction of national boundaries and identities. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 to 2 units

### **HY219** Modern Russia and the Soviet Union

The Russian Empire, the Soviet Union, and the Soviet successor states in the 20th century. Topics including the collapse of the Empire during the First World War, the attempted 'building of socialism' in the Soviet period, the crisis of the Soviet system, and how Soviet conceptions of the relation between ethnicity and nationality shaped political and cultural identities before and after 1991. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 to 1.5 units

### **HY221** Africa & Europe to 1919

Traditional African states, Portugal and Africa, the slave trade, European conquest, occupation and administration. The African response to the European presence in terms of social change, the origins of a 'Europeanized' African elite and the beginnings of modern African politics. - Blasenheim,. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**HY222** The Emergence of Modern Africa, 1885 to the Present

Africa and the Berlin Conference, primary and secondary resistance to European colonialism, political independence, conflicts between traditional and modern cultural patterns and ideologies, one-party rule and economic dependence. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**HY223** China in the Age of Confucius

Examines the origins of Chinese civilization, from the divination rituals of the theocratic Bronze Age Shang Dynasty to the mighty Han. Considers the great religious and philosophical traditions of China's axial age: Confucianism, Daoism, and others vying for influence in China's bloody 'Warring States' period. Students will understand the political, economic, cultural and spiritual patterns that gave shape to classical Chinese civilization. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Williams

**HY225** 20th Century China

This course will follow the turbulent history and politics of China from the Boxer Rebellion of 1900 through the post-Mao reforms. Using primary documents, personal accounts, and scholarly studies, students will assess China's political and cultural changes and continuities in historical context. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**HY226** 20th Century Japan

This course will trace the social, political, and cultural developments in Japan from the first Parliamentary elections in 1890 to the current fiscal crisis in the 1990s. Using a wide range of sources, students will explore major themes in Japan's empire, World War, economic miracle, and troubled role as Asian leader. Major themes will include cross-cultural contact, world systems, and women's history. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit

**HY227** History of the Roman Empire

Focus on how conservative Roman republican ideals were reconciled with an increasingly Hellenized empire dominated by an imperial dynasty. Following a brief survey of prior Roman history, the course will examine the development of the Roman state in the first century AD under the Julio-Claudian emperors. The course will proceed to consider the Empire's evolution and management under subsequent Flavian and Antonine dynasties. The city, its monuments, its art, its literature, bureaucracy and territorial expansion, the role of women, various social and minority groups, and the growth of Christianity will all be discussed.

1 unit — Schroer

**HY228** The American Colonies, 1492-1763

The English colonies in America, their founding and development within the British Empire. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Rommel-Ruiz

**HY228** The American Colonies, 1492-1763

The English colonies in America, their founding and development within the British Empire. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Rommel-Ruiz

**HY229** The American Revolution and the Constitution, 1763-1789

The movement for independence and the corollary movement to restructure politics internally, from the end of the Seven Years' War through the Revolution and Confederation to the adoption of the U. S. Constitution. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**HY230** The Early Republic, 1789-1848

Initial development of the United States under the Constitution through the Virginia dynasty and Jacksonian democracy. Party formation; conflicts in political economy; diplomacy; expansion; social and cultural growth. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

2 units

**HY231** Civil War and Reconstruction, 1845-1877

The causes, strategies, and impact of the Civil War on the United States. Slavery, sectional controversy, political crises; civilian and military life during the war; the successes and failures of Reconstruction; the problems of race. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Rommel-Ruiz

**HY232** The Emergence of Modern America 1919-1942

Cultural expression, and race relations in the aftermath of WWI; changing sexual and racial relations and the anti-modernist response in the 1920s; the Harlem Renaissance; the causes and consequences of the Great Depression and FDR and the New Deal; the coming of WWII. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**HY233** Recent U.S. History, 1943-1973

Domestic politics and political realignments from Truman to Nixon; McCarthyism and the

beginnings of the Cold War; covert action and direct intervention in U.S. foreign policy; Civil Rights; Black Power; feminism; and controversies regarding the American family. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **HY234** Contemporary U.S. History

American foreign policy from the 'Vietnam Syndrome' to the end of the Cold War to the invasion of Iraq; Americans and the Islamic world; transformations of the Republican and Democratic Parties and the Office of the President; negotiating race in the post-Civil Rights era; the 'New World Order' and the new immigration; religion, families, and gender and their roles in partisan politics. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Adler

### **HY236** Argentina, Chile, and Uruguay since Independence

Political independence in the 1810s in La Plata and Chile. The impact of immigration, urbanization, modernization, populism, nationalism, militarism and redemocratization. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

### **HY237** History of Brazil, 1500-present

Portuguese colonization, political independence in a neo-colonial economy, the Brazilian Empire, the Republic. The emergence of modern Brazil: populism, corporatism and militarism. The institution of slavery and its legacy. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Marquez

### **HY238** Colonial Hispano-America

Spanish conquest and administration in New Spain and Peru, the Catholic Church, internal and external colonial economies, the Bourbon reforms and political independence in the 1820s; class, caste and gender during the colonial period. Meets the Critical Perspectives: Global Cultures requirement.

1 unit

### **HY239** History of Mexico

The Aztec and other Indian peoples' influence in Mexican history and thought; Spanish colonial legacy; Enlightenment, Liberal, and Conservative political philosophies; Mexico's relationship to the United States; roles of the Church and of violence from European encounter through Revolution (1910-1921) and into Mexico's current precarious social and political situation. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**HY239** History of Mexico

The Aztec and other Indian peoples' influence in Mexican history and thought; Spanish colonial legacy; Enlightenment, Liberal, and Conservative political philosophies; Mexico's relationship to the United States; roles of the Church and of violence from European encounter through Revolution (1910-1921) and into Mexico's current precarious social and political situation. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**HY240** Foundations of American Constitutionalism and Diplomacy to 1865

Emphasizes the intellectual precursors and historical development of the federal union of 1787 and of early American foreign policy. Considers America before the Civil War as a system of states and explores through debates over the American union and early foreign policy a range of theoretical issues in international relations. (Not offered 2020-21).

1 unit

**HY241** The Emergence of Modern America, 1919-1942

Political liberty, cultural expression, and race relations in the aftermath of WWI; changing sexual and racial relations and the anti-modernist response in the 1920s; the Harlem Renaissance; the causes and consequences of the Great Depression and FDR and the New Deal; the coming of World War II. (Not offered 2020-21).

*Prerequisite:* No prerequisite for History majors.

1 unit

**HY243** Slavery and Antislavery Movements to 1860

African cultural backgrounds, African slavery in colonial British America and the U. S. to 1860; free Black people from 1790 to 1860 and antislavery movements. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**HY244** Black People in the US since the Civil War

S. since the Civil War. Black Reconstruction; Black urban settlement; literary and artistic movements in the 1920s; civil rights struggles; recent social and political expressions. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Ratchford, Rommel-Ruiz

**HY248** History of Korea

A thematic survey of Korean history from the earliest times to the present covering social, cultural and political developments from the Three Kingdoms period through the Silla unification, Koryo and Choson dynasties to the modern era. Special emphasis on the twentieth century. May meet either the Critical Perspectives: Global Cultures or Social



Inequality requirement. (Not offered 2020-21).

1 unit

**HY249** Women, Children & Men: Families in Historical Perspective

This course treats gender roles and family life throughout the European past, with comparative attention to families of other historical cultures and to relationships within non-human primate communities. It emphasizes the historical agency of women and children generally elided from traditional master narratives of Western Civilization, demonstrating how feminist and ethnohistorical approaches can reveal their experience. Course materials will include historiographical and anthropological literature as well as primary documents, literary works and visual sources. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Neel

**HY252** Magic, Science, and Religion in the Mediterranean

How have science and religion come to be seen as such different enterprises? What role has the charge of 'magic' played in setting boundaries between communities as they sought to understand both the workings of the natural world and spiritual revelation? This course examines the intertwined histories of what we now call magic, science, and religion, through Babylonian, Hebrew, Greek, Arabic, and Latin sources, from the ancient through the early modern periods. (Not offered 2020-21).

1 unit

**HY255** Nature & Society

The course examines the interaction between Europeans and the natural world from the Renaissance to the present. It looks at how nature shaped the ways Europeans lived and worked and how, in turn, they thought about and behaved toward nature. In particular, it explores the impact of the Scientific Revolution, industrialization, and mass culture on the changing interplay between nature, society, and culture. (Not offered 2020-21).

1 unit

**HY256** Education in the West

Educational institutions and their relationship to society from the Renaissance to the present. The rise of mass education and its impact on the structure and purpose of the educational system. (Not offered 2020-21).

1 unit

**HY261** Formation of Islamic Societies

Development of an Islamic world through formation of key institutions of Islamic urban life, the changing relationships of tribal and agrarian societies to urban society, and the differentiation of public and private space. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Murphy

**HY262** The Modern Middle East: Freedoms and Authorities

Analysis of the variety of lived experiences and questions of freedom and authority in everyday life in the Middle East. Attention to the impact of modernity on gender roles and social order in the Middle East. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**HY267** The Southwest under Spain and Mexico

The pre-contact history of Anasazi and Athabascan peoples from anthropological and mythological perspectives; the causes and consequences of the Spanish entrada and attempts at missionization of the Indian peoples of New Mexico and the California coast; development of mestizo society; the arrival of the Anglo-Americans and the Mexican-American War. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**HY268** The Southwest since the Mexican War

The adaptation of Native American and Hispanic peoples to Anglo-American culture and politics; the causes and consequences of the loss of Hispanic lands; the evolution of family life and religious practices; indigenous views of modernity. Films, artistic expression, and works of fiction as well as historical sources. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**HY269** The Old South: Settlement, Slavery, Secession

Explores key themes in Southern history from colonial settlement through the American Civil War. Examines the distinctiveness of the American South, and how Southern life was shaped by slavery, particularly in the ways the plantation economy informed Southern political culture, gender and race relations. Other important issues include: Anglo-American encounters with Native Americans, the Great Awakening, the American Revolution, Jeffersonian republicanism, the War of 1812, the Mexican-American War, and the rise of Southern nationalism. (Not offered 2020-21).

1 unit

**HY270** The New South: Modernity,

(Not offered 2020-21).

1 unit

**HY274** The Medieval Imaginary

Exploration of Europeans' expressions of identity and community from the close of

Mediterranean antiquity to the Black Death of the fourteenth century. Consideration of literary texts, social organization, and ritual practices, with emphasis on Christian Europe as continually self-defining against its pagan and Muslim frontiers.

1 unit — Neel

**HY275** The Renaissance and the Reformation: Crisis and Dissent

Scientific, religious and artistic achievements of the 14th, 15th and 16th centuries. (Not offered 2020-21).

1 unit

**HY277** Europe in an Age of Absolutism

The birth of the modern state and the creation of modern society. From the end of the sixteenth-century Reformation and the religious wars through the crisis of the seventeenth century, as well as the making of the constitutional order in England and the absolutist state in France. Political, social, and cultural perspectives. (Not offered 2020-21).

1 unit

**HY278** Europe in the Age of Revolution: 1789-1870

Causes and the social and political effects of the French Revolution, the Revolutions of 1848, and the Industrial Revolution. Particular attention to the process of revolutionary change and to political movements including liberalism, Marxism, and nationalism. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**HY283** The Jews in the Modern Europe

The Jews of Poland, Western Europe, and the Islamic world during the 17th century. The Impact of Enlightenment and Assimilation. Hassidism and reform. Anti-Semitism, Zionism, and the American experience. World War I and its consequences: the changing Middle Eastern framework, Communism, Nazism. Israel, and its neighbors, and the world. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**HY286** War and Society since the Middle Ages

The experience of war in Western contexts compared to other major military cultures. Administrative, technical, and ideological contexts of war's evolution as the ultimate test of the cohesion of societies and the viability of nations. (Not offered 2020-21).

1 to 2 units

**HY287** Enlightenment Culture

The course analyzes the origins of 'modernity' in the seventeenth and eighteenth centuries. Beginning with the Scientific Revolution, it then looks at the social and political environment that made the 'Republic of Letters' possible. A wide variety of primary-source

texts, including social and political criticism, novels and poetry, painting and sculpture, will be examined.

1 unit — Ragan

### **HY288** European Intellectual History

Changes in European thought from the early modern to the modern periods examined through the works of representative writers, philosophers, political theorists, scientists and artists (including Locke, Galileo, Hegel, Marx, Darwin, Nietzsche, Freud, Sartre, Foucault, and others). The relationships between these changes and social developments. (Not offered 2020-21).

1 to 2 units

### **HY289** The Age of Ideology, 1870-1939

The “revolt against reason.” The effects of World War I and the Great Depression on society and politics. Analysis of the appeal of Bolshevism and Fascism. Particular attention to Mussolini and Hitler’s successful challenge to liberal governments and to the Spanish Civil War. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **HY290** World War II and Its Aftermath in Europe, 1939-2000

World War II and Its Aftermath in Europe, 1939-2000. The outbreak, course, and the effects of the War, including the advent of Communism in eastern Europe, European integration, and the 'economic miracle' in western Europe. The emergence of consumer society, the spread of popular culture, and the development of mass education. Attention to the challenges of decolonization and immigration Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **HY302** The Invention of History

Herodotus, sometimes called the 'father of lies,' and Thucydides, sometimes called the first political scientist, treated as the first historians. Study of the ways of conceiving history and its relation to the peoples and periods explored. No Greek or Latin required.

1 unit — Buxton

### **HY303** The Uses of the Past: Studies in Philosophy and History

Critical issues in the philosophy of history and historical methodology as seen from the standpoint of the historian and the philosopher. (Offered by individual arrangement.) (Not offered 2020-21).

.5 to 1 unit

### **HY304** Advanced Topics in History:

Selected topics in the history of one or more world regions. Thematic concentration

determined by the instructor.

1 unit — Mehta, Ratchford, Williams

### **HY307** History of Sex: Traditions

Analysis of sexual roles and sexual practices in the world before the concept of ‘sexual identity’ emerged in the late nineteenth century. Examination of how different religious traditions such as Judaism, Islam, Hinduism, Christianity, and Buddhism have viewed sex, and exploration of a wide variety of topics including pornography, prostitution, and same-sex sexual behavior throughout the pre-modern world. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Ragan

### **HY308** History of Sex: Modernity

After examination of the birth of ‘sexuality’ in late nineteenth-century Europe, exploration of the acceptance of and resistance to this new conceptual model throughout the world. Attention to heterosexuality and homosexuality, intersexuality, and ‘perversion,’ concluding with analysis of the contemporary cultural wars over sexuality in Africa, Asia, Europe, and South America. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Ragan

### **HY312** Crusade and Reform in Europe's Long Twelfth Century

Social, intellectual, and spiritual ferment between the Investiture Contest of the 1170s and the death of Francis of Assisi in 1226, with special attention to ideology of expansionism in the eastern Mediterranean and diversity of belief within Latin Christendom. Readings in primary sources for military action in the Middle East, pogroms in the Rhineland, saints’ lives, and persecution of heretical groups, as well as major recent works of historical criticism. (Not offered 2020-21).

1 unit

### **HY315** Film and History

Examines the representation of history in film. It compares a series of films to major themes and issues in the historiographical literature and raises questions about the ways films should adhere to the academic standards of the historical discipline. Students will read significant debates among cinematic and academic historians and explore the possibilities and limitations of cinematic presentations of history. (Not offered 2020-21).

1 unit

### **HY316** History & Literature

An examination of the relationships, both similarities and differences, of history and literature. Using selected theoretical texts from Aristotle to the present, traditional narrative historical texts, experimental histories, fictions based on imagined thoughts and actions of historical figures, and comparisons of historical/biographical texts and historical novels, the course explores the different and/or similar purposes and functions of historical writing and

literary writing, and the truth claims of each as forms of narrative and knowledge. In addition, we will read history literally and literature historically in order to interrogate the uses and limitations of both forms of writing. (Not offered 2020-21).

1 unit

### **HY330** Colloquium in History and Political Science

A junior seminar organized around comparative analysis of a common theme or topic, employing both historical and political science approaches to analysis and research. Designed principally for History/Political Science majors, but others may be admitted with consent of instructors.

*Prerequisite:* HY/PS Major or consent of instructor.

1 unit — Sorace, Williams

### **HY344** Modern France and Italy: Fascism, War and Resistance

An examination of the effect of total war, extremism, and economic crisis on politics and society, with special attention to fascism, the resistance, post World War II revival, and to cultural movements such as the avant-garde, futurism, and existentialism. (Not offered 2020-21).

1 unit

### **HY362** The Civil War and Reconstruction, 1845-1877

The causes, strategies, and impact of the Civil War on the United States. Slavery; sectional controversy; political crises; civilian and military life during the war; the successes and failures of Reconstruction; the problems of race. (Not offered 2020-21).

1 unit

### **HY384** Cultural and Social History of China

Chinese ways of life and thought and the interaction of local social patterns with government and elite ideals. Focuses on the last great dynasty, the Qing. With Emphasis on Writing. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **HY393** Germany, 1914-1945: The Crisis Years

Formation of the new nation that Hitler said in 1933 the world would not recognize. Germany's catalysis of European and world transformations, as well as its institution of dictatorship and genocide at home. Political, economic, social/cultural, intellectual, and military aspects of German experience. (Not offered 2020-21).

1 unit

### **HY399** Junior Seminar: Studying History

An examination of traditional and new methods of studying the past and an exploration of the debate over the nature and the meaning of history. Designed primarily for history majors, but others may be admitted with the consent of the department.

*Prerequisite:* consent of instructor & Junior standing.

1 unit — Marquez, Mehta, Sanchez, Smith

#### **HY406** Research Workshop

Students learn how to develop a research topic, advanced library and primary document research, and historical research design and organization. Students meet regularly to discuss their work in progress. Usually, a central text is also discussed throughout the semester. (Semester-long extended format course.) (Not offered 2020-21).

*Prerequisite:* consent of instructor & Declared Major.

.5 unit

#### **HY409** Directed Readings in History:

*Prerequisite:* consent of instructor & 3 units of History.

1 unit — Mehta, Rommel-Ruiz

#### **HY410** Senior Seminar

An advanced seminar on selected topics and themes in historical study.

*Prerequisite:* History 399, consent of instructor and senior standing.

1 unit — Neel

#### **HY420** Senior Essay

Independent, primary source research. Particular content and emphasis of the paper to be determined in consultation with supervising professor. To be taken in the block immediately following HY 410.

*Prerequisite:* History 399 and 410 consent of instructor, senior standing.

1 unit — Neel

#### **HY424** History-Political Science Thesis

An interdisciplinary, primary source-based thesis on a subject of interest to the student. Independent study format with regular consultation between the student and the faculty supervisors.

*Prerequisite:* Consent of both departments.

2 units

#### **HY425** History-Philosophy Thesis

An interdisciplinary, primary-source based thesis on a subject of interest to the student and approved by two faculty supervisors, one in Philosophy and one in History. Independent study format with regular consultation between the student and the faculty supervisors.

*Prerequisite:* Consent of both faculty supervisors and registration in Philosophy 425 in the same academic year. Both courses must be completed at some point during blocks 1-6 or the senior year.

1 unit — Ragan

### **HY430** Senior Thesis

*Prerequisite:* 399, 410, consent of instructor, senior standing.

1 unit

### **HY431** Senior Thesis

Directed reading and preparation of a thesis.

*Prerequisite:* 399, consent of instructor, senior standing.

1 unit

### **HY500** American History: American Cinema

(Summer only 2020-21).

1 unit

## **History-Philosophy**

*Applicable for the 2020-2021 academic year.*

**History-Philosophy Website** (<http://www.coloradocollege.edu/academics/dept/history/>)

Professors HOURDEQUIN, J. LEE, McENNERNEY, NEEL, RAGAN, ROMMEL-RUIZ, SANCHEZ

The Departments of History and Philosophy offer a combined major. Admission to the major is by application and must be accomplished by the end of the first semester of the junior year. Each student develops an integrated program of historical and philosophical inquiry in conjunction with two advisors, one from each of the sponsoring departments. Students may develop a program that focuses on a period (e.g., the Middle Ages, the 19th Century), an area (e.g., East Asia, the Mediterranean), or an issue (e.g., the environment, feminism).

### **Major Requirements**

The major requires up to 16 units, distributed as follows:

1. Introductory Coursework (four blocks):
  1. Any two blocks of the following introductory history courses:



1. One two-block 100- or 200-level history survey; or
2. Two one-block 100-level introductory history courses; AND
2. Any one of the following two-block history of philosophy sequences:
  1. PH201 History of Modern Philosophy; or
  2. PH210 Ancient through Early Modern Western Philosophy; or
  3. PH244 History of Social & Political Philosophy: Classical Visions AND PH 245 History of Social & Political Philosophy: Modern Debates.
3. Four electives in the concentration of an area, period, or issue (four blocks):
  1. A minimum of one block must be taken in each of the two sponsoring departments. These four blocks must be approved by the two coordinating advisors to ensure that a coherent field-of-inquiry is being addressed.
4. Two methods courses (two blocks):
  1. HY399 Junior Seminar: Studying History; AND
  2. Any one of the following philosophy methods courses:
    1. PH301 20th Century Analytic Philosophy; or
    2. PH302 20th Century Continental Philosophy; or
    3. PH452 Junior Seminar.
5. Senior Thesis (two blocks):
  1. HY425 History–Philosophy Thesis; AND
  2. PH425 History–Philosophy Thesis.
  3. The thesis is due by the last day of Block 6 in the senior year.
6. Foreign Language (four blocks):
  1. The language must be appropriate to the field of study and approved by the two advisors. Proficiency through the end of intermediate language instruction must be demonstrated, either through coursework or advanced placement (or some combination of the two).

## History-Political Science

*Applicable for the 2020-2021 academic year.*

Advisers: Professors GRACE, LINDAU, MURPHY, and WILLIAMS

This major gives a student the opportunity to apply the perspectives of history and political science to an area of the world of his or her choosing.

### Major Requirements

There are three ways to enter this major.

Students may take either History 104, 105 or 288 or Political Science 115 or 150.

In consultation with one of the Department of History's history-political science advisors, students may take one course in European history addressing a period up through the 18th century, and one course in European history addressing a period from the 18th century forward.

Students may also enter the major by taking one course in each of two subfields in political science: in United States Politics and Government, 200; in Comparative Politics, 236; in International Relations, 209 or 225; in Political Theory, 242, 270, 292, or 298. Students who

choose this option should consult an adviser in the Department of Political Science about the sequence of courses most appropriate to the chosen regional concentration.

## **Regional Concentration**

Each student must take at least four additional units in each department. A concentration in United States, Europe, Latin America, Asia, or Africa/Middle East satisfies the requirement. Students are strongly advised to consult the advisors for the major in each department in choosing courses relevant to each region in order to make sure that they fulfill all requirements. In political science, all four courses must come from those listed with the chosen regional concentration. In history: a minimum of three units of the four required units must be taken within the chosen region of concentration. A student who wishes to do so may propose, subject to the approval of the advisors and the chairs of each department, a coherent program for the study of another world region other than those listed here. **Please consult with your advisor to ensure that all courses meet regional requirements.**

## **Language Requirement**

Regional concentrations outside the United States must include the second-year or the equivalent in a foreign language appropriate to the area.

## **Capstone Requirement**

In addition, each student must complete the Colloquium in History/Political Science (330) and one unit of advanced research (History 420), or a tutorial in political science in the subfield area in which most political science courses were taken for the major).

## **Thesis**

Any history–political science major may apply to write a thesis instead of taking the unit of advanced research, subject to the approval of both departments. A student must submit a proposal outlining the subject and identifying general sources by the beginning of Block 8 of the junior year, or, if a student is off campus in the junior year, the proposal may be submitted at the beginning of Block 1 of the senior year. The thesis should be interdisciplinary in nature and include the use of primary materials. The proposal should be submitted to both departments.

Students who maintain a 3.7 GPA in the major through Block 7 of senior year may be considered for Distinction in History/Political Science. Thesis students who wish to be considered for distinction must complete the thesis by the end of Block 7 of the senior year.

The majors' advisors may approve credit toward the major for other special or advanced courses when appropriate to a student's concentration. "Topics" courses in both history and political science are examples. Approval should be sought from history-political science advisors prior to taking such a course.

**Any potential HY-PS major must consult with one of the HY-PS advisors in order to declare and majors should anticipate regularly working with advisors in both departments.**

## **Human Biology and Kinesiology**

*Applicable for the 2020-2021 academic year:*

**Human Biology and Kinesiology Website (<http://www.coloradocollege.edu/academics/dept/humanbiologykinesiology/>)**

Chair ERDAL (Professor, Psychology); Associate Professor BULL; Lecturer MISKA; Visiting Assistant Professor MURPHY

The Department of Human Biology and Kinesiology is committed to increasing students' knowledge of the structure and function of the human body through our applied courses including human anatomy, human physiology, exercise physiology, and human nutrition. All of our courses include hands-on experiences and/or student centered data analysis, which allows students to explore how course topics are relevant in their own lives and society.

We aim to increase opportunities for students through our integration with departments throughout the college, through offered research experiences, through teaching in our cadaver and physiology labs, through opportunities to attend regional and national conferences, and through our international seminar course which explores research facilities across Scandinavia. Combining our courses with others throughout the college, students may garner a broad background for their own health and/or fulfill prerequisite requirements for graduate work in kinesiology, exercise or sport science, or health professions.

Currently the department does not offer a major, but is dedicated to supporting students in achieving their academic goals by now offering a minor. See the Minor Requirements tab for more details.

## **Minor Requirements**

### **5 units of courses in human biology and kinesiology including the core courses of:**

HK204 – Introduction to Human Anatomy

HK321 – Human Physiology

HK330 – Exercise Physiology

### **And any two additional units in human biology and kinesiology, including:**

HK125 – Introduction to Human Nutrition

HK130 - Fundamentals of Kinesiology

HK151 - Biophysics: Physics and Living Things

HK 255 – Advanced Joint Anatomy

HK260 - Human Biology and Kinesiology Seminar (may be taught off campus or internationally)

HK300 - Investigations in Human Biology and Kinesiology (independent research with COI)

HK304 – Advanced Human Anatomy

HK 354 – Advanced Head and Neck Anatomy

HK430 – Advanced Exercise Physiology

HK 254 – Advanced Head and Neck Anatomy (0.5 unit),

HK 306 – Advanced Joint Anatomy (0.5 unit) and GS113 - EMT Basic (0.5 unit); two of these 0.5 unit courses must both be taken to equal one unit for the HBK minor.

## Courses

### Human Biology and Kinesiology

#### **HK100** Human Biology and Kinesiology Activity Class

(Not offered 2020-21).

.25 unit

#### **HK120** Topics in Human Biology and Kinesiology

Courses under this rubric will vary year to year. (Not offered 2020-21).

.5 or 1 unit

#### **HK125** Introduction to Human Nutrition

Investigation of the structure, digestion, storage, utilization, and bioenergetics of macronutrients (carbohydrate, protein, fat). Suggested intake, and sources of macronutrients, micronutrients (vitamins and minerals), and water in maintaining normal physiological function are examined. Topics related to energy balance and nutrition for physical activity and recovery are also discussed. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

1 unit — Murphy

#### **HK130** Fundamentals of Kinesiology

Examination of basic human anatomy, movement, exercise physiology, physiological adaptation, exercise program design, and links between physical activity, health, and performance. Laboratory sessions include measurement of physiological responses to physical activity, performance evaluation, and the estimation of aerobic power, anaerobic power, and body composition. Parameters such as work, power, velocity, and energy expenditure in humans will also be calculated. 1 unit. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* No credit if taken after Human Biology and Kinesiology 330.

1 unit — Bull

#### **HK151** Biophysics

How physical principles apply to living things. Some examples of the kinds of topics to be discussed are muscle action, running, jumping, flying, circulation of blood, keeping warm,

keeping cool, nerve action, hearing, and seeing. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

1 unit

### **HK203** Sports Medicine Seminar

An investigation into the effects of competitive and recreational physical activity upon the human individual. Major topics include an overview of exercise and sport as a cause of injury and disease, the prevention, recognition and management of injury as related to the recreationalist/competitor, and the physiological parameters of exercise as related to carry-over and lifestyle. (Not offered 2020-21).

1 unit

### **HK204** Introduction to Human Anatomy

A lecture and cadaver based laboratory course designed to help students gain an understanding of the fundamental concepts of human anatomy. Include the examination of skeletal, muscular, nervous, circulatory, respiratory, and digestive structures. Does not involve dissection.

*Prerequisite:* 1 unit of Organismal Biology and Ecology 105, 106, or 107, or Molecular Biology 131, or Human Biology and Kinesiology 130, or Psychology 296 or 299, or consent of instructor. Sophomore Standing or higher.

1 unit — Miska

### **HK220** Physiological Basis of Resistance Training

Examination of the acute and long-term physiological effects of resistance training are examined. Emphasis is placed on how the acute and long-term effects alter physiological function and how this information can help in developing resistance-training sessions to bring about specific physiological adaptations. (Not offered 2020-21).

1 unit

### **HK255** Advanced Joint Anatomy

(Summer only 2020-21).

1 unit

### **HK260** Human Biology and Kinesiology Seminar

Examination of current research in kinesiology, exercise physiology, and health. Empirical studies serve as the basis for discussions of research topics and the examination of methods utilized in kinesiology. May be offered on-campus, domestically off-campus, internationally, or a combination of these in order to visit laboratories conducting research in kinesiology and related fields. Presentations provided by departmental faculty and guest researchers when off-campus. Extra expense when taught off-campus or internationally.

*Prerequisite:* Human Biology and Kinesiology 130 and/or consent of instructor.

1 unit

### **HK301** Biomechanics: Analysis of Human Performance

Provides a fundamental understanding of the mechanics of human motion, as related to performances in sport and physical activities. Includes an investigation into the concepts of anatomic kinesiology, physics of sports and techniques of mechanical analysis. (Not offered 2020-21).

*Prerequisite:* BY/HK 207 & 211 (or BY/HK 205) and/or consent of instructor.

1 unit

### **HK304** Advanced Human Anatomy

A laboratory based human cadaver dissection course designed to help students gain an advanced understanding of the structures of the human body and to develop the skills of cadaver dissection. Students also examine clinical case studies and the history of research in anatomical science.

*Prerequisite:* Human Biology and Kinesiology 204.

1 unit

### **HK306** Advanced Joint Anatomy

A laboratory based human cadaver dissection course designed to help students gain an advanced understanding of selected joints of the human body and to develop the skills of human cadaver dissection.

*Prerequisite:* Human Biology and Kinesiology 204.

1 unit — Miska

### **HK321** Human Physiology

Provides an integrative approach to understanding normal physiological relationships of major organ systems in the human body through lectures and laboratory experiences. Information is presented from the cellular to the organismal level. Designed to meet the needs of students interested in pre and allied health fields when taken in conjunction with HK204.

*Prerequisite:* Human Biology and Kinesiology 204.

1 unit — Murphy

### **HK330** Exercise Physiology

Examination of cellular bioenergetics and the adaption of the nervous, muscular, circulatory, respiratory, and endocrine systems to acute and chronic physical activity. Special topics such as temperature regulation, acid/base balance, and fatigue thresholds may be discussed. Laboratory sessions include advanced physiological testing of students. Body composition

assessment techniques are also examined. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Human Biology and Kinesiology 204, and Human Biology and Kinesiology 321 or Organismal Biology and Ecology 366.

1 unit — Bull

### **HK350** Investigations in Human Biology and Kinesiology

Independent research projects based on library and/or laboratory investigations. Designed for advanced students seeking an independent or departmental minor in Human Biology and Kinesiology.

*Prerequisite:* Human Biology and Kinesiology 330 and consent of instructor.

1 unit — Bull, Murphy

### **HK354** Advanced Head and Neck Anatomy

A laboratory based human cadaver dissection course designed to help students gain an advanced understanding of the structures of the head and neck and to develop the skills of human cadaver dissection.

*Prerequisite:* Human Biology and Kinesiology 204 (Intro to Human Anatomy).

1 unit — Miska

### **HK430** Advanced Exercise Physiology

Students present research and participate in discussions on self-selected research in kinesiology. Advanced examination and experience with common laboratory techniques to estimate oxygen consumption and caloric expenditure rates; anaerobic power, capacity, and thresholds; and body composition. May include visits to local human performance labs and/or field investigations. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Not offered 2020-21).

*Prerequisite:* Human Biology and Kinesiology 330 or consent of instructor.

1 unit

## **International Political Economy**

*Applicable for the 2020-2021 academic year.*

**International Political Economy Website** (<http://www.coloradocollege.edu/academics/dept/economics/>)

Advisers; Professors GOULD (Political Science), KAPURIA-FOREMAN (Economics); Associate Professor ACRI (Economics), MCKENDRY (Political Science)

The major in International Political Economy prepares students for careers in government,

international organizations, international business, or private foundations; for further study in international economics and politics; and for constructive citizenship in a world of increasing interdependence. The major is designed for students with broad interests in international studies.

The major focuses on the interaction between politics and economics in comparative and international settings. It examines the possibilities and constraints furnished by social structures, institutions, ideologies, and culture within and across societies, and it looks at the interplay of economic and political forces in the world arena.

Students are introduced to the field in their junior year when they take Introduction to International Political Economy, a course emphasizing theoretical foundations. They draw upon this body of theory as they undertake a research experience during the senior year.

## Major Requirements

### The Major

In addition to the general college requirements, a major in international political economy must complete a minimum of 16 units, distributed as follows:

#### 1. Political Science Courses (5 units)

PS290 Introduction to Political Philosophy

**1 unit**

PS209 Introduction to International Relations OR

PS225 Conduct of American Foreign Policy

**1 unit**

(Either PS209 or PS225 can be counted toward the IPE major, **BUT NOT BOTH**)

Remaining units must come from the Comparative Politics and International Relations subfields, **including at least one unit from each**. Students may take a maximum of one pre-approved elective from outside the Department of Political Science. The Colorado College Catalog of Courses lists political science courses by subfield. **3 units**

#### 1. Economics Courses (5 units)

Notice that while International Baccalaureate (IB) Higher Level and Advanced Placement (AP) courses may count toward college credit as the equivalents of Economics 100, 101 and/or 102, they will not substitute for Economic Theory I (EC201), a course which uses calculus as a fundamental tool of the discipline.

EC201 Economic Theory 1

**1 unit**

(note that MA125 or 126 Calculus 1 is a prerequisite for EC201)

EC301 Microeconomic Theory II

**1 unit**

EC302 Macroeconomic Theory II

**1 unit**



EC347 Economics of International Trade OR EC377  
Economics of International Finance **1 unit**

**1 unit**

**At least one of the following courses:**

EC371 Money, Banking, and financial Markets

EC372 Economic Development

EC373 East Asian Tigers

EC374 Economic Development of Latin America

Other economics courses with prior approval from Economics and Business Department Chair that they qualify as international economics electives from the following classes:

EC211-EC290 (excluding EC275 Introduction to IPE)

EC311-EC390

EC411-EC489

**1. Mathematics Courses (2 units)**

MA117 or 217                      Probability and Statistics OR Probability and Statistical Modeling                      **1 unit**

MA125 or 126                      Pre-Calculus, Calc 1 /Calculus 1                      **1 unit**

**1. Foreign Language or Foreign Study Requirement (2 or 3 units)**

2. Second-year college proficiency in a modern foreign language (i.e. completion of the intermediate level of Colorado College's curriculum, or comparable achievement on placement examinations). Placement beyond the intermediate level would exempt students from this requirement **OR**

3. Three units of credit from an approved program of study outside the United States.

**4. Introduction to International Political Economy (1 unit)**

PS375/EC275 Introduction to IPE **1 unit**

**1. Capstone Research Experience (1 or 2 units)**

While all IPE majors must complete a senior research experience, the course satisfying this requirement may be taken in either in the Department of Political Science (as a one-block tutorial or a two-block thesis) or in the Department of Economics (as a one-block tutorial or a two-block thesis). Supervising faculty in the two departments will seek to accommodate the interests and needs of IPE majors. Students must follow the guidelines of the respective department in registering for the Capstone Research Experience. One of the following:

1. Seminar in International Political Economy (PS470) or, with consent of Department of Political Science, students may satisfy this requirement through a Tutorial in International Relations (PS 410) or a Tutorial in Comparative Politics (PS 412); 1 unit
2. Seminar in International Political Economy (EC470), supervised by Department of Economics and Business faculty; 1 unit
3. Political Science Thesis (PS450), with prerequisites of a high GPA and approval by the Department of Political Science; 2 units
4. Economics Thesis in International Political Economy (EC498), with prerequisites of EC347 or EC377 or an approved international economics elective and approval by the chair of the Department of Economics and Business. 2 units

Whatever the choice of research experience, students must present their projects to their peers and discuss the research of fellow majors.

Distinction in International Political Economy may be awarded to students whose GPAs within the major put them in the upper 20 percent and who have also completed and received a grade of A in their Capstone Research Experience. Faculty in both departments must approve the award of distinction to students who meet these qualifications.

Advisers for the International Political Economy Major:

|                                   |   |
|-----------------------------------|---|
| Professor Vibha Kapuria-Foreman   | Professor Corina McKendry                 |
| Economics (Campus extension 6419) | Political Science (Campus extension 6788) |
| Professor Kristina Acri           | Professor John Gould                      |
| Economics (Campus extension 6445) | Political Science (Campus extension 6589) |

## Italian

*Applicable for the 2020-2021 academic year.*

**Italian Website (<https://www.coloradocollege.edu/academics/dept/italian/>)**

Assistant Professor A. MINERVINI; Visiting Instructor D. SPONCHIADO

Students who have taken French, Italian, or Spanish in high school must take a computerized placement test before enrolling in a language or literature course in the Department of French and Italian. We strongly recommend that they take the 20-minute test on-line upon their arrival at the college.

## Major Requirements

### Italian

A student majoring in Italian has two major options:

#### Italian Studies

1. All required courses: 305, 306, 431, and 432 for those students eligible to write a thesis, or 431 for those graduating seniors not eligible to write a thesis.
2. Two Italian courses from 304, 309, 315, 316, 320, and 321. If thesis requirement is not met, one additional Italian course.
3. Electives: Four courses chosen from at least one, but not more than two, disciplines (art history, cinema, classics, history, international relations, linguistics, music). All courses must be directly relevant to Italian cultures and selected in consultation with advisor. Two electives must be at the 300 level; two of these four courses may be 300-level Italian courses relevant to the major. For complete list of elective courses, see department.

#### Romance Languages (Italian Major; second language focus in French or Spanish)

1. All required courses: 305, 306, 431, and 432 for those students eligible to write a thesis, or 431 for those graduating seniors not eligible to write a thesis.
2. Three Italian courses from 304, 309, 315, 316, 320, 321. If thesis requirement not met, one additional Italian course.

#### Courses for second language focus in FRENCH:

3. 305 and two French or Francophone culture or literature courses.
4. Elementary or more advanced Spanish, Portuguese, or Latin.

#### Courses for the second language focus in SPANISH:

3. 305 or 312, and two Spanish culture or literature courses.
4. Elementary or more advanced French, Portuguese, or Latin.

#### Courses for the second language focus in PORTUGUESE:

3. 305 and two additional culture or literature courses

#### Third language focus

4. 101 level in Spanish, French, Portuguese or Latin

TOTAL: 11–12 units

Distinction is awarded based on senior thesis (432) and departmental work.

Students who study abroad on programs other than Colorado College's should consult both their advisors and the chair of the department for approval of transfer credit. Students must take at least two courses beyond 305, in addition to 431 and 432 (if student is eligible), at Colorado College, as well as completing the detailed major requirements described above, to receive an Italian degree from the college. Only two credits from an unaffiliated program will be accepted into the major. Students who are not eligible for 432 must take an additional upper-division course to satisfy the 11–12 unit Romance languages Italian major requirement.

Transferring students should contact the department before taking any language or literature course to determine if any transfer credit fulfills major requirements.

## Minor Requirements

### Italian Language Minor (6 units beyond IT102)

The prerequisite for admission to the minor is 101 and 102 (2 units) or equivalent. Students must complete a minimum of six courses, including the following: 201, 202, 305, and three additional courses from 304, 306, 309, 315, 316, 320, 321. Students who initially place at the 300 level as a result of previous Italian must complete four CC Italian courses at the 300 level. College transfer credit will be accepted, but at least three 300-level Italian courses must be completed at Colorado College. Only one credit from an unaffiliated program will be accepted into the minor

## Courses

### Italian

#### **IT101** Introduction to Italian

A preliminary introduction to Italian language and culture for students with no previous Italian language experience

.25 unit — Perini

#### **IT103** Elementary Italian I

Introduction to Italian language and culture, with emphasis on the acquisition of basic oral and written proficiency in order to communicate effectively and accurately in everyday life situations

1 unit — Minervini, Sponchiado

#### **IT104** Elementary Italian II

IT104 Elementary Italian II. This course is designed to build on skills acquired in IT101. Students will continue to develop basic oral and written proficiency in order to communicate effectively and accurately in everyday life situations. Prerequisite: IT103 or COI. (We strongly recommend that students take 104 within 8 blocks of 101.) 1 unit

*Prerequisite:* Italian 103.

1 unit — Sponchiado

#### **IT110** Intensive Communication Practice for Travel, Work and Study in Italy

Intensive Communication Practice for Travel, Work and Study in Italy. This half-block course is open to all students interested in significantly improving their Italian communication skills and is particularly useful to those wishing to spend time in Italy in the near future – whether as part of their travelling, working or studying plans. This class uses a communicative approach with the aim for students to achieve a good level of fluency in Italian as well as to learn more about Italy's culture. Upon completion of the course, students will have acquired the necessary tools to express themselves in a wide range of situations, making it easier for them to deal with everyday life in Italy. No prior language knowledge is required. (Not offered 2020-21).

.5 unit

**IT111** Italian in Italy

(Summer only 2020-21).

*Prerequisite:* consent of instructor.

2 units

**IT200** Italian Language

This course is intended for students on a CC study abroad program. Students will test and move into the appropriate level/course once they arrive at the host institution. (Not offered 2020-21).

1 or 2 units

**IT201** Review of Elementary Italian

A lower-level maintenance course for students who plan to continue their study of Italian. Review of grammar with supervised oral practice.

*Prerequisite:* Italian 104 or equivalent.

.25 unit — Perini

**IT203** Intermediate Italian I

This course is designed to build on the communication skills acquired in elementary Italian courses. In a simulated immersive environment enhanced with Italian texts, films, and Internet resources, students focus on developing reading, writing, speaking, and listening skills as well as increasing their knowledge and understanding of Italian cultures. Note: IT204 must also be taken in order to fulfill the language requirement for graduation or to continue into 300-level Italian courses.

*Prerequisite:* Italian 104 or equivalent.

1 unit — Sponchiado

**IT204** Intermediate Italian II

IT204 Intermediate Italian II. This course is designed to build on the communication skills acquired in IT203. In a simulated immersive environment enhanced with Italian texts, films, and internet resources, students focus on developing reading, writing, speaking and listening skills as well as increasing their knowledge and understanding of Italian cultures.

*Prerequisite:* Italian 203 or COI. 1 unit

*Prerequisite:* Italian 203.

1 unit — Sponchiado

**IT211** Intermediate Italian in Italy

(Summer only 2020-21).

1 to 2 units

**IT300** Italy Semester: Intensive Grammar Review

This ten-day course serves as an introduction to our Italy Program. Intensive Italian grammar review and orientation in Italy. Students must complete the full semester program in order to receive credit. (Not offered 2020-21).

*Prerequisite:* 201, consent of Program director & acceptance in the Italy Program.

.5 unit

**IT301** Review of Italian with Emphasis on Italian Civilization

A maintenance course for students who have taken an intermediate or advanced level Italian course. Significant supervised conversation, reading and writing practice.

*Prerequisite:* Italian 204 or equivalent.

.25 unit — Perini

**IT302** Review of Italian with Emphasis on Italian Civilization and Culture

A maintenance course for students who have taken an intermediate or advanced level Italian course. Significant supervised conversation, reading and writing practice

*Prerequisite:* Italian 204 or equivalent.

.25 unit

**IT304** Cultural Context and Oral Practice

Students develop higher levels of listening comprehension, oral competence, and communicative proficiency and acquire oral strategies of expression through the study of written and recorded cultural materials dealing with a variety of aspects, issues, and realities of the Italian speaking world.

*Prerequisite:* Italian 204 or equivalent.

1 unit

**IT305** Cultural Context and Written Expression

Advanced composition and conversation practice through the study of Italian literary and cultural texts (Not offered 2020-21).

*Prerequisite:* Italian 204 or equivalent.

1 unit

**IT306** Cultural Context and Critical Analysis

Continues the acquisition of the Italian language and trains students in the most important methods of critical analysis through readings in different genres. (Not offered 2020-21).

*Prerequisite:* 305 or equivalent.

1 unit

### **IT309** Independent Readings in Italian Literature

Textual analysis of important literary works, including at least six authors, two genres and three historical periods. Some authors to be studied are: Dante, Pulci, Leonardo, Goldoni, Manzoni, Svevo, Gozzano, Pirandello and Calvino.

1 unit

### **IT311** Civilization and Culture of Italy

(Summer only 2020-21).

*Prerequisite:* consent of instructor.

2 units

### **IT315** Readings in Italian: Medieval, Renaissance and Baroque

The nature and evolution of Italian Literature and Culture from 1150 to the 17th century with emphasis on literary form and meaning in poetry, epic and drama. (Not offered 2020-21).

*Prerequisite:* in Italian.

1 unit

### **IT316** Readings in Italian: The Enlightenment to the Postmodern

The nature and evolution of Italian Literature and Culture from the 18th century to the present day with emphasis on literary form and meaning in poetry, the novel, drama and film. (Not offered 2020-21).

*Prerequisite:* in Italian.

1 unit

### **IT320** Topics in Italian Culture

Study of Italian culture, genres, art, film or literature not represented in the regular curriculum. The structure of the course is determined by the topic and the preference of the instructor. May be taught in English or Italian.

1 unit — Ashley, Minervini

### **IT321** Italian Critical Thought:

Explores the intellectual contributions of Italian thinkers to the analysis of societal

transformations. Includes a variety of theoretical approaches and thematic, focuses such as: philosophy, Marxism, feminism, psychoanalysis, postcolonial studies, and the history of social movements. Taught in English with work in Italian for interested students. (Not offered 2020-21).

1 unit

### **IT431** Research Methods

Methods of analysis and theories of literature and culture. Training in research methodology; selection of topic for senior project, portfolio, or senior thesis; research and presentation of work in progress. (Not offered 2020-21).

*Prerequisite:* Required of all senior majors.

1 unit

### **IT432** Senior Thesis

Intensive writing and supervised revision of senior thesis with oral defense. (Not offered 2020-21).

*Prerequisite:* Italian 431.

1 unit

## **Japanese**

*Applicable for the 2020-2021 academic year.*

**Japanese Website** (<https://www.coloradocollege.edu/academics/dept/eastasianlanguages/>)

Professor ERICSON; Lecturer ONISHI

## **Minor Requirements**

### **The Japanese Language Minor (6 units)**

- A minimum of 5 units of Japanese language, including 2 units of Advanced Japanese
  - One (1) relevant literature course approved by the department.

## **Courses**

### **Japanese**

#### **JA100** Japanese: Introduction to Language and Culture

(Summer only 2020-21).

1 unit



**JA101** Elementary Japanese

Introduction to Japanese language. Students will be introduced to basic spoken and written structures of 'standard' Japanese, the two Kana alphabets, and the development of basic aural/oral skills with attention to the cultural context. A video program supplements the course. Language laboratory required.

1 or 2 units — Ericson, Okubo, Onishi

**JA103** Japanese Skill Maintenance

Conversation and limited reading and writing practice in Japanese language.

*Prerequisite:* Japanese 101.

.25 unit — Ericson, Niiya

**JA104** Japanese Skill Maintenance

Conversation and limited reading and writing practice in Japanese language.

*Prerequisite:* Japanese 101.

.25 unit — Niiya

**JA130** Japanese Culture

This course presents a critical appreciation of popular Japanese Icons (haiku poetry, tea ceremony, kabuki theatre, samurai, Shinto rituals, and rice) that scrutinizes how cultural practices and institutions have evolved and been adapted to symbolize Japan, both by Japanese and foreign observers. All readings, discussion, and writing will be in English. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**JA201** Intermediate Japanese I

The course emphasizes the development of speaking, listening, reading and writing skills after the elementary level. Video materials supplement the course and place the language in a cultural context.

*Prerequisite:* Japanese 101.

1 unit — Onishi

**JA202** Advanced Intermediate Japanese II

The course builds on the language proficiency gained in 201. Increased use of the written and spoken language designed to build proficiency.

*Prerequisite:* Japanese 201.

1 unit — Okubo

**JA205** Japanese Skill Maintenance

Advanced conversation, reading and writing practice in Japanese language.

*Prerequisite:* Japanese 201.

.25 unit — Niiya, Onishi

**JA206** Japanese Skill Maintenance

Advanced conversation, reading and writing practice in Japanese language.

*Prerequisite:* Japanese 201.

.25 unit — Niiya

**JA207** Japanese Language and Culture in Japan

(Summer only 2020-21).

*Prerequisite:* Introductory Japanese or consent of instructor.

1 to 2 units

**JA212** Japanese Literature in Translation

This course examines the way in which post-war Japanese literature reflects the transformation and enduring tensions within Japanese society. Topics include gender roles, the family, individuality, and dissension. Of central concern is the capacity of literature to reflect massive social and economic changes within contemporary Japan and to assess the assumptions of continuity, consensus, and conformity. Works by the following writers will be included: Ibuse Masuji, Yasuoka Shotaro, Hayashi Fumiko, Kawabata Yasunari, Abe Kobo, Enchi Fumiko, and Oe Kenzaburo. Novels and shorts stories will be supplemented with film and other readings. All readings, discussion, and writing will be in English. (Not offered 2020-21).

1 unit

**JA221** Childhood in Japanese History: From Literary Trope to Symbol of Modernity

This course has been taught a number of times under a special topics rubric. Continued offering requires an official course designation. The course has been well received by students and has served a role at the college with its Writing Intensive designation. The Japanese Program in the Department of German, Russian, and East Asian Languages would like to make it a permanent addition to our offerings. This course will provide Japanese Language Minors and Asian Studies Majors and Minors with an additional opportunity to study an important aspect of Japanese literature and culture. We anticipate cross-listing this course with Asian Studies and Comparative Literature as in the previous times that it was offered. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**JA250** Topics in Japanese Studies

(Not offered 2020-21).

.5 or 1 unit

### **JA251** Japanese Women Writers

Japanese women writers wrote the most heralded novels and poetic diaries in the classical literary canon; this celebration of women's literary contributions is an anomaly among world literatures. Yet for over five hundred years, women's literary voices were silenced before reemerging in the modern era, when a renaissance of 'women's literature' (joryu bungaku) captured popular imagination, even as it confronted critical disparagement. This course traces the rise, fall and return of writing by women and the influence of attitudes toward gender on what was written and read through a wide array of literary texts, historical documents, and cultural artifacts. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

### **JA252** Gender and Sexuality in Japanese Literature, Film, and Manga

This Course Explores how Japanese writers have dealt with issues of gender and sexuality from the Heian Period through the modern era. Drawing on literary sources such as The Tale of Genji by Murasaki Shikibu (11th c.), Five Women Who Loved Love by Ihara Saikaku (17th c.), and Kitchen by Yoshimoto Banana (20th c.), as well as films and manga. We will analyze how both male and female authors have portrayed gender and sexuality within an ever-changing landscape. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

### **JA301** Advanced Japanese Language I

Intensive practice in reading, writing, speaking and comprehending modern Japanese. Taught as an extended format course over one semester or as one block course.

*Prerequisite:* Japanese 202 or consent of instructor.

1 unit — Onishi

### **JA302** Advanced Japanese Language II

Intensive practice in reading, writing, speaking and comprehending modern Japanese. Taught as an extended format course over the Spring semester.

*Prerequisite:* Japanese 301 or consent of instructor.

1 unit — Onishi

### **JA311** Independent Study in Japanese:

Supervised projects in Japanese language, literature and culture for advanced students. Offered as a block course (1 unit) or semester extended format (1/2 unit).

*Prerequisite:* consent of instructor.

1 unit — Ericson

### **JA326** Japanese Politics through Literature

Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

### **JA350** Advanced Topics in Japanese Literature and Culture

Study of a selected topic in Japanese literature and culture. The course will cover subjects not listed in the regular curriculum and may vary from year to year.

1 unit — Onishi

### **JA401** Japanese Culture and Language

Application of Japanese language skills in the study of Japanese culture, including literature, history, or business. Taught as an extended format course over the full academic year. (Not offered 2020-21).

*Prerequisite:* Japanese 302 or consent of instructor.

1 unit

## **Mathematical Economics**

*Applicable for the 2020-2021 academic year.*

**Mathematical Economics Website** (<http://www.coloradocollege.edu/academics/dept/economics/>)

Advisers: Professor BROWN (Mathematics), ERICKSON (Mathematics), FENN (Economics); Associate Professor DE ARAUJO (Economics)

Students majoring in mathematical economics must successfully complete no fewer than 16 units of listed courses in mathematics (MA) and economics (EC), including a senior thesis. To solidify basic problem solving skills, all majors must initially take a common set of required courses in economic theory and mathematics. Majors then select electives in more advanced topics of mathematics and economics, before writing a senior thesis. The major provides strong training for students pursuing private sector careers in investment banking, forecasting, applied mathematics, or finance, as well as graduate work in economics, operations research, and financial engineering.

### **Major Requirements**

#### **The Major**

Students desiring to major in mathematical economics are required to pass the following **prerequisites** prior to admission into the major. If a student has not taken all three of these courses, that student may be admitted only if currently scheduled for a later section or by consent of the chair if mitigating circumstances exist.

|                            |        |
|----------------------------|--------|
| MA 125 or 126 – Calculus 1 | 1 unit |
| MA 129 – Calculus 2        | 1 unit |
| EC 201 – Economic Theory   | 1 unit |

Notice that while International Baccalaureate (IB) Higher Level and Advanced Placement (AP) courses may count toward college credit as the equivalents of Economics 100, 101 and/or 102, they will not substitute for Economics 201, a course which uses calculus as a fundamental tool of the discipline.

To graduate as a mathematical economics major, students must pass the all-college requirements, while completing major components consisting of 10 units of required courses, four units of electives, and two units of senior thesis for a total of 16 units in the major.

### A. Required Courses (10 units total)

#### Math (6 Units)

|               |   |                      |
|---------------|---|----------------------|
| MA 125 or 126 | Calculus 1 or equivalent as approved by Math Department | <b>1 unit</b>        |
| MA 129        | Calculus 2 or equivalent as approved by Math Department | <b>1 unit</b>        |
| MA 204        | Calculus 3 or equivalent                                | <b>1 unit</b>        |
| MA 217        | Probability and Statistical Modeling                    | <b>1 unit</b>        |
| MA 220        | Linear Algebra  | <b>1 unit</b>        |
| MA 315        | Ordinary Differential Equations                         | <b><u>1 unit</u></b> |
|               |   | <b>6 units</b>       |

Please note that Calculus 2 (MA 129) is a prerequisite for Linear Algebra (MA 220); and Calculus 3 (MA 204) and Linear Algebra (MA 220) are prerequisites for Differential Equations (MA 315).

#### Economics (4 Units)

|        |                         |                |
|--------|-------------------------|----------------|
| EC 201 | Economic Theory 1       | <b>1 unit</b>  |
| EC 301 | Microeconomic Theory II | <b>1 unit</b>  |
| EC 302 | Macroeconomic Theory II | <b>1 unit</b>  |
| EC 403 | Econometric Theory      | <b>1 unit</b>  |
|        |                         | <b>4 units</b> |

### B. Electives (4 units total)

#### 1. Economics elective

At least one elective from the following list, or other as approved in advance by the chair of the Department of Economics and Business.

|        |                            |               |
|--------|----------------------------|---------------|
| EC 317 | Investments                | <b>1 unit</b> |
| EC 343 | Environmental Economics II |               |
| EC 344 | Industrial Organization    |               |
| EC 346 | Economics of Labor         |               |

|        |                                       |  |
|--------|---------------------------------------|--|
| EC 347 | Economics of International Trade      |  |
| EC 371 | Money, Banking, and Financial Markets |  |
| EC 372 | Economic Development                  |  |
| EC 377 | Economics of International Finance    |  |

## 2. Mathematics elective

At least one elective from the following list, or other as approved in advance by the chair of the Department of Mathematics.

|        |  |               |
|--------|--|---------------|
| MA 313 | Probability                                  | <b>1 unit</b> |
| MA 325 | Graph Theory (2 units*)                      |               |
| MA 340 | Topics in Mathematics: Mathematical Modeling |               |
| MA 375 | Real Analysis I (2 units*)                   |               |
| MA 416 | Partial Differential Equations               |               |
| MA 417 | Mathematical Statistics                      |               |
| MA 418 | Numerical Analysis                           |               |

## 3. Mathematical Economics elective

At least one elective from the following list, or other as approved in advance by the chair of the Department of Economics.

|        |   |               |
|--------|---|---------------|
| EC 404 | Advanced Topics in Mathematical Economics | <b>1 unit</b> |
| EC 405 | Mathematical Economics of Addiction       |               |
| EC 406 | Mathematical Economics of Game Theory     |               |
| EC 407 | Mathematical Economics of Growth          |               |

## 4. Additional Mathematical Economics or Mathematics elective

|   |               |
|---|---------------|
| At least one additional elective from either:<br><br>the mathematics electives (part B #2) or<br><br>mathematical economics electives (part B #3) category. | <b>1 unit</b> |
|---|---------------|

\*Both Real Analysis I (MA 375) and Graph Theory (MA 325) count as 2 units towards the major-satisfying requirements #2 and #4 under part B.

## C. EC 496 - Senior Thesis in Mathematical Economics (2 units total)

DISTINCTION IN MATHEMATICAL ECONOMICS is awarded by action of both departments (math and economics/business) to up to the top 20 percent of graduating majors based on their GPA within the major with the provision that they have also received an A in Senior Thesis.

# Mathematics

*Applicable for the 2020-2021 academic year:*

**Mathematics Website** (<http://www.coloradocollege.edu/academics/dept/MathCS/>)

Professors M. ANDERSON (associate chair), M. SIDDOWNAY (chair); Associate Professors D. BROWN, A. BRUDER, S. ERICKSON, J. McDOUGALL; Assistant Professors I. AGBANUSI, B. MALMSKOG, M. MORAN, F. SANCIER-BARBOSA; Visiting Assistant Professors S. AGRAWAL, A. KELLEY, N. NGUYEN.

The study of mathematics has always been central to the liberal arts, and mathematics has never been more vital for understanding our world than it is today. At Colorado College, mathematics courses emphasize both the practical applications of the subject and its inherent beauty. Majors and minors in mathematics receive a broad perspective on mathematical ideas, working closely with their peers and faculty in small classes. The department is known for being inclusive and welcoming, and it takes pride in helping each student achieve his or her potential. Students in our department participate in many enriching activities, including the Budapest Semester in Mathematics, the Mathematical Contest in Modeling, the Putnam Exam, Research Experiences for Undergraduates (REUs), and our own blockly pizza problems.

Faculty in the department maintain active research programs, and students have ample opportunity to work on research projects in diverse areas of pure and applied mathematics and statistics. Our alumni have gone on to graduate school and academic careers in mathematics and other disciplines, as well as careers in finance, K-12 education, medicine, law, engineering, and information technology. A degree in mathematics opens many doors, and closes none.

## Major Requirements

**In addition to the All College Requirements, a student majoring in Mathematics must complete:**

- **MA126** Calculus 1 and **MA129** Calculus 2 (or equivalent)
- **MA204** Calculus 3, **MA220** Linear Algebra, and **MA251** Number Theory (must be completed before declaring the major)
- **MA321** Abstract Algebra 1 and **MA375** Real Analysis 1
- One of the following (which should be taken in the same year as its prerequisite whenever possible):
  - **MA421** Abstract Algebra 2
  - **MA475** Real Analysis 2
  - **MA417** Mathematical Statistics
  - OR both **MA416** Partial Differential Equations and **MA418** Numerical Analysis
- One of the following sets of electives (Independent Study courses (**MA255**, **MA355**, **MA455**) cannot be used to satisfy this requirement):
  - Three other 300-400 level one-unit courses in Mathematics, not being used to meet one of the requirements above or the capstone requirement
  - Two other 300-400 level one-unit courses and two 200-level one unit courses in Mathematics, not being used to meet one of the requirements above or the capstone requirement
  - Two other 300-400 level one-unit courses and one 200-level one unit course in Mathematics, not being used to meet one of the requirements above or the capstone requirement, as well as one non-Mathematics course from a list of approved courses

**on the department's website.**

- All non-transfer students may count at most three 300-400 level courses taken at other institutions (not to include equivalents of MA321 and MA375) toward their Mathematics major, provided that these courses are approved by the department.

**A student majoring in Mathematics must also:**

1. Attend at least four departmental Fearless Friday talks or department-approved talks after declaring the major, and submit a summary of each talk on Canvas within three weeks of the seminar. These write-ups must be submitted by the beginning of Block 7 of the student's senior year.
2. Complete a capstone experience intended to give the student an opportunity to engage Mathematics in a deep and meaningful way. The capstone will challenge the student to read, write, and think about mathematics, drawing on the knowledge and skills that they have acquired throughout their studies. There are two ways to complete the capstone requirement:
  1. Pass **MA408** History of Mathematics during the senior year. In this case, **MA408** will not count as one of the 300-400 level electives needed for the major.
  2. Complete a senior thesis. The student must enroll in one block of **MA499** (Senior Thesis) with his or her thesis advisor during the senior year. Students must submit proposals for their thesis topics in the spring semester of their junior year.

Please visit the department's website for information about Distinction in Mathematics.

**Minor Requirements****To minor in Mathematics, a student must either:**

Successfully complete one of the eight designated options for a minor in Mathematics listed below.

OR

Successfully complete a Mathematics minor designed in consultation with a department member and approved by the department. A plan for a minor must be approved by the department by the end of the first block of the student's senior year.

- Statistics: MA204, (MA217 or MA218/EV228), MA220, MA313, and MA417
- Applied Variations: MA204, MA220, MA315, and two of (MA313, MA416, MA311, or MA418)
  - Including the MA311 option would constitute a mathematical physics minor.
- Analysis Variations: MA204, MA220, MA251, MA375, and (MA315, MA475, or MA417)
- Discrete: (MA201 or MA202), MA220, MA251, MA325, and (CP222, or MA321, CS majors must select the MA321 option)
- Algebra: MA204, MA220, MA251, MA321, and MA421
- Pure: MA204, MA220, MA251, MA300, and (MA321 or MA375)
- Mathematical Biology: MA204, MA256, MA220, MA315, and (MA313 or MA416)
- Modeling: MA204, MA217, MA220, MA313, and MA315

A student minoring in Mathematics must take at least three of the required courses at CC.

**Courses**



## Mathematics

### **MA110** Mathematical Explorations:

An introduction to mathematical thinking through specified topics drawn from number theory, geometry, graph theory, algebra or combinatorics. The course will focus on giving students the opportunity to discover mathematics on their own. No previous mathematical background is required, but students will be expected to come with curiosity and a willingness to experiment. Not recommended for math majors. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

*Prerequisite:* Not recommended for Math majors.

1 unit — Malmskog

### **MA117** Probability & Statistics

An introduction to the ideas of probability, including counting techniques, random variables and distributions. Elementary parametric statistical tests with examples drawn from the social sciences and life sciences. Not recommended for mathematics majors. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* No credit after Organismal Biology and Ecology 220 or any other college-level statistics course.

1 unit — Agbanusi, Agrawal, Brown, Gordon

### **MA123** Mathematics for Elementary Educators

Skillful teaching of mathematics requires the teacher to understand the material from a variety of perspectives, and with greater depth than his or her students. This course helps to prepare future elementary teachers by exploring some of the deeper structure of elementary mathematics. Topics will include: counting and cardinality, ratio and proportional relationships, elementary number theory, operations and algebraic thinking, and the role of axioms, deduction, examples, and counterexamples. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* consent of instructor.

1 unit

### **MA125** Pre-Calculus & Calculus

This course covers the same material as MA126 together with one block of content from algebra, trigonometry, analytic geometry and the study of functions. Intended solely for students not sufficiently prepared for MA126. (Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.) Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

2 units — Kelley

**MA126** Calculus 1

Differential and integral calculus of algebraic and transcendental functions and applications. Students normally begin the calculus sequence with this course. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

1 unit — Anderson, Erickson, Kelley, Moran

**MA127** Calculus 1 & 2 Accelerated

An accelerated review of differential and integral calculus of one variable, including a study of the differential calculus for functions of several variables. Designed for students who have already been exposed to topics traditionally included in two semesters of calculus. MA 127 fulfills all requirements met by MA 129; no credit after MA 128 or MA 129. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

*Prerequisite:* One year of high school calculus and consent of instructor.

1 unit

**MA129** Calculus 2

Techniques of integration, applications of the definite integral, differential equations, Taylor polynomials, vectors in two and three dimensions, differential calculus of functions of several variables. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Mathematics 125 or 126. No credit after Mathematics 128.

1 unit — Agbanusi, Erickson, Malmskog, McDougall

**MA130** Viruses: The Biology and Mathematical Modeling of Epidemics

Basic overview of viral infections, symptoms, mutations, and viral life cycles, and how politics, history, and culture can affect the spread of viral epidemics. Second block will provide a meaningful research experience using techniques from differential calculus to model viral epidemics and provide a deeper understanding of how calculus-based ideas fit into a biological context. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

*Prerequisite:* High School Calculus, Mathematics 125, Mathematics 126, or consent of instructor.

2 units

**MA142** History of Mathematics

(Summer only 2020-21).

1 unit

**MA151** The World of Numbers: From Euclid to the Information Age

People have been writing numbers for as long as they have been writing. This course traces the use of numbers from ancient civilizations to modern times and examines how our view of numbers has changed over that period: natural numbers, prime numbers, rational numbers, Fibonacci numbers, real numbers and complex numbers, as well as the way in which our ability to calculate has evolved. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

2 units

**MA155** Independent Study:

*Prerequisite:* consent of instructor.

.5 to 1 unit

**MA161** Mathematics in a Cultural Context

(Not offered 2020-21).

*Prerequisite:* First Year Experience Course. 1st Years Only.

2 units

**MA175** Chaos under Control: Computation, Calculus and Order Within Chaotic Systems

Traces the evolution of geometry and dynamics from antiquity to the present, while following the thread of developing technology. Geometry in Euclid's time and Aristotle's dynamics are inadequate for the study of natural objects such as fern leaves or the weather. Examines how the development of calculating machines has affected and deepened understanding of the natural world. Following the development of early calculating machines into modern day computers, we will see how Newton's and Leibniz's calculus laid the foundations for the study of differential equations, chaotic and nonlinear dynamics, fractals, and the butterfly effect. First Year Experience course; first year students only. *Prerequisite:* Calculus 1 from high school, or COI (Not offered 2020-21).

1 unit

**MA201** Foundations of Discrete Mathematics

An introduction to combinatorics, graph theory, and combinatorial geometry. The topics are fundamental for the study of many areas of mathematics as well as for the study of computer science, with applications to cryptography, linear programming, coding theory, and the theory of computing. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Mathematics 129 or Mathematics 204 or 2 credits of college level calculus with consent of instructor.

1 unit — Kelley, Malmskog

**MA202** Foundations of Discrete Mathematics: A Cross-Cultural Approach

Opportunity to study new mathematical ways of thinking in a cultural context. Much like the division between plants and animals in biology, mathematics can be divided into continuous mathematics (e.g. calculus) and discrete mathematics, the latter of which is the subject of this course. Includes concepts that are fundamental to modern mathematics and computer science. We will also introduce mathematics with important applications to the social sciences. Mathematical topics will be illuminated by examining their treatment in a variety of non-Western cultures, both historical and traditional. (Not offered 2020-21).

*Prerequisite:* 1 high school course in calculus or computer science.

1 to 2 units

**MA204** Calculus 3

Sequences and infinite series, non-Cartesian coordinate systems, integral calculus for functions of several variables, and the calculus of vector valued functions. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Mathematics 129.

1 unit — Kelley, McDougall, Nguyen

**MA217** Probability and Statistical Modeling

Introduction to probability distribution theory and statistical inference. Descriptive methods for building models with emphasis on linear regression models including variance and covariance. Analysis of model fit and discussion of modern robust techniques. (This course is an appropriate first course in statistics for students with stronger mathematical backgrounds.) Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Mathematics 117 or 126.

1 unit — Sancier-Barbosa

**MA218** Analysis of Environmental Data

This course will focus on the fundamentals of exploratory data analysis, hypothesis testing, and experimental design in the ecological, environmental, and the earth sciences. Topics will include theory and practice of project design, data distribution and description, the central limit theorem, characterization of uncertainty, correlation, univariate hypothesis testing, and multivariate analyses (ANOVA, linear regression). Students will complete a final project using environmental data collected in the field and analyzed using statistical computer software. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

*Prerequisite:* Mathematics 126 or 125 or 127 or HS equivalent (Calculus I).

1 unit

**MA220** Linear Algebra

Matrix algebra and Gaussian elimination. The geometry of vectors in  $R^2$ ,  $R^3$  and  $R^n$ . Vector spaces and linear transformation. Introduction to orthogonal geometry and eigenvalue problems. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Mathematics 129 or Mathematics 204 or 2 credits of college level calculus with consent of instructor.

1 unit — Malmskog, McDougall, Moran

**MA227** Mathematical Software:

An introduction to one of the major mathematical software packages such as Mathematica or Matlab. Investigation of symbolic computation, numerical algorithms, and graphics as used in these programs. Students may take the course more than once to learn additional software packages, but they may take it a maximum of two times for credit. (May be taught either in the extended format or as a half-block.) (Not offered 2020-21).

*Prerequisite:* Mathematics 128.

.5 unit

**MA228** Mathematical Problem Solving Seminar

Students will meet regularly during the semester, in order to learn problem solving techniques as applied to interesting mathematical problems, often drawn from the national William Lowell Putnam competition, or the COMAP Mathematical Modeling Contest. Students may take the course more than once, but at most two times for credit (in different years). Pass/Fail grade only. .5 units (Not offered 2020-21).

*Prerequisite:* Mathematics 129 or consent of instructor.

.5 unit

**MA229** Seminar in Mathematical Biology

This course will provide a forum for discussing current research and classic papers in mathematical biology. Topics will be chosen that both relate to students' research experiences and broaden their knowledge of mathematical biology. The seminar will also provide a forum for discussing research with visiting scientists. It will meet twice per block for one semester. (Not offered 2020-21).

*Prerequisite:* Mathematics 126-Calculus I May be taken for credit twice.

.5 unit

**MA240** Topics in Mathematics

Special topics in mathematics not offered on a regular basis. (Not offered 2020-21).

1 unit

**MA251** Number Theory

A careful study of major topics in elementary number theory, including divisibility, factorization, prime numbers, perfect numbers, congruences, Diophantine equations and primitive roots. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Mathematics 129 or Mathematics 204 or 2 credits of college level calculus with consent of instructor.

1 unit — Agrawal

**MA255** Independent Study:

*Prerequisite:* consent of instructor.

.5 to 1 unit

**MA256** Mathematical Models in Biology

An introduction to selected quantitative models drawn from areas of biology such as ecology, genetics and physiology. For each model, the course includes an investigation of the mathematical methods, an evaluation of the model, and some elementary simulation techniques. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Mathematics 126 & 1 college biology course.

1 unit — Brown

**MA300** Geometry

Some current topics in advanced and modern geometry. Topics drawn from linear geometry, affine, inversive and projective geometries, foundations and axiomatics, transformation groups, geometry of complex numbers. (Offered alternate years.) (Not offered 2020-21).

*Prerequisite:* Mathematics 220 and 251.

1 unit

**MA311** Vector Analysis

Vector functions, divergence and curl, Green's and Stokes' theorems, and the properties of three-dimensional curves and surfaces. Related topics from linear algebra and differential equations. (Not offered 2020-21).

*Prerequisite:* Mathematics 204.

1 unit

**MA313** Probability

Probability spaces, discrete and continuous random variables, independence, expectation, distribution functions

*Prerequisite:* Mathematics 204 and 220.

1 unit — Sancier-Barbosa

### **MA315** Ordinary Differential Equations

Ordinary Differential Equations. Introduction to methods for finding solutions to differential equations involving a single, independent variable. Topics include linear equations, exact solutions, series solutions. Laplace transforms, Sturm Separation and Comparison Theorems, systems of equations, and existence and uniqueness theorems.

*Prerequisite:* Mathematics 204 and 220.

1 unit — Agbanusi, Brown

### **MA321** Abstract Algebra I

An introduction to the abstract algebraic properties of groups, rings and fields.

*Prerequisite:* Mathematics 220 & 251.

1 unit — Anderson, Siddoway

### **MA325** Graph Theory

A study of graphs as finite mathematical structures. Emphasis on algorithms, optimization and proofs. (Offered alternate years.)

*Prerequisite:* Mathematics 220 & either 251 or 201.

1 unit — Malmskog

### **MA340** Topics in Mathematics:

Special topics in mathematics not offered on a regular basis.

1 unit — Agbanusi, Agrawal

### **MA345** Research in Mathematics

An introduction to the nature of mathematical research. Investigation with a faculty member of current mathematical problems, usually chosen from the field of the faculty member's own research. (Offered in alternate years. May be offered some years as an extended format course for 1/2 unit.) (Not offered 2020-21).

*Prerequisite:* consent of instructor.

.5 to 1 unit

### **MA355** Independent Study:

*Prerequisite:* consent of instructor.

.5 to 1 unit

**MA375** Real Analysis I

An introduction to the theoretical basis for the calculus, with an emphasis on rigorous proof. Properties of the real number system; sequences and series; continuity; elementary topology of the real line, Euclidean space and metric spaces; compactness; pointwise and uniform convergence.

*Prerequisite:* Mathematics 204, 220 and 251.

1 unit — Erickson, Nguyen

**MA392** Advanced Topics in Economical Mathematics: Game Theory

Selected topics in the study of Mathematical Economics. Specific content and emphasis are developed by the instructor(s). Topics will meet the ME elective requirement for the Mathematical Economics major. (Not offered 2020-21).

1 unit

**MA400** Topology

An introduction to the study of point-set topology. Examples of topological spaces; compactness, connectedness, and continuity; separation axioms. Additional topics chosen from algebraic or geometric topology. (Offered alternate years.)

*Prerequisite:* Mathematics 375.

1 unit — Moran

**MA408** History of Mathematics

A study of selected developments in the history of mathematics and the role of mathematics in different cultures across time. The course often draws on original sources and traces the relationships among different fields within mathematics through the in-depth study of major unifying results. When used to fulfill the capstone requirement for the mathematics department, the course must be taken in the senior year.

*Prerequisite:* Mathematics 321 and 375.

1 unit — Anderson

**MA410** Complex Analysis

The calculus of functions of a complex variable. Differentiation, contour integration, power-series, residue theory and applications, conformal mapping and applications.

*Prerequisite:* consent of instructor or Mathematics 375.

1 unit — McDougall

**MA416** Partial Differential Equations

Introduction to analytical and numerical methods for finding solutions to differential equations involving two or more independent variables. Topics include linear partial



differential equations, boundary and initial value problems, Fourier series solutions, finite element methods, the Laplace equation, the wave equation and the heat equation.

*Prerequisite:* Mathematics 315 or some experience with ordinary differential equations with consent of instructor.

1 unit — Brown

### **MA417** Mathematical Statistics

Brief introduction of probability, descriptive statistics, classical and Bayesian statistical inference, including point and interval estimation, hypothesis tests and decision theory. (Offered alternate years.)

*Prerequisite:* consent of instructor or Mathematics 313.

1 unit — Sancier-Barbosa

### **MA418** Numerical Analysis

The development and analysis of algorithms for approximating solutions to mathematical problems. Topics covered include: approximating functions, finding roots, approximating derivatives and integrals, solving differential equations, solving systems of linear equations, and finding eigenvalues.

*Prerequisite:* Mathematics 315 or some experience of ordinary differential equations with consent of instructor.

1 unit — Agbanusi

### **MA421** Abstract Algebra II

Continuation of Mathematics 321. Topics may include Galois theory, commutative algebra, computational algebra, representations of finite groups, or algebraic geometry.

*Prerequisite:* Mathematics 321.

1 unit — Siddoway

### **MA440** Special Topics in Math:

Given on demand for a group of students interested in a topic not included in the regular curriculum. (Not offered 2020-21).

1 unit

### **MA455** Independent Study:

1 unit — Agrawal, Anderson, Brown, Erickson

### **MA475** Real Analysis II

Continuation of Mathematics 375. A rigorous treatment of derivatives and integrals of a single variable. Other topics, chosen by the instructor, may include a rigorous approach to

multivariable calculus; the implicit and inverse function theorems; analysis on manifolds; dynamical systems; measure theory and the Lebesgue integral; functional analysis.

*Prerequisite:* Mathematics 375.

1 unit — McDougall

### **MA499** Senior Thesis

Advanced work in mathematics on the senior capstone project. Required for all students who are completing their capstone experience through a yearlong project and working towards the required summary seminar and summary paper. This course should be taken in the senior year, during or before Block 6

1 unit — Agbanusi, Agrawal, Anderson, Brown

## **Molecular Biology**

*Applicable for the 2020-2021 academic year.*

**Molecular Biology Website** (<https://www.coloradocollege.edu/academics/dept/molecularbiology/>).

Professor (Chair) R. BERTRAND-GARCIA, Associate Professor P. LOSTROH, Associate Professor D. KILLIAN; Assistant Professor O. HATTON, Assistant Professor S. HANSON, Assistant Professor J. GARCIA

Molecular biology offers an innovative outlook by taking advantage of the Block Plan and offering courses in which students will be immersed in laboratory work, critical thinking and writing in the discipline. The Department of Molecular Biology offers a range of courses that teach students how to understand organisms on a cellular and molecular level. Our majors learn critical thinking skills in molecular biology by interpreting experiments, developing and testing hypotheses, and working with model organisms, cells, and molecules. Students majoring in molecular biology will be prepared to enter graduate programs in basic research or healthcare, and to apply the critical thinking and communication skills learned in the major to new situations, irrespective of their career goals.

### **Major Requirements**

#### **Molecular Biology Major (16 units)**

No single one-block course can satisfy more than one requirement

- 1 unit of organismal biology (BE105 Biology of Plants, BE106 Biology of Animals, BE107 Biology of Microbes, or HK204 Introduction to Human Anatomy)
  - AP Biology 4 or 5, or IB HL 5 satisfies this requirement
  - IB Biology of 6 satisfies this requirement **OR** satisfies the MB131 requirement
- 1 unit of MB131 Introduction to Molecular and Cellular Biology or MB 111 FYE Introduction to Molecular and Cellular Biology
  - IB HL of 6 or 7 satisfies this requirement
- 1 unit of MB201 Laboratory in Molecular and Cellular Biology and Genetics

- 1 unit of MB231 Genetics
  - Pre-requisite: MB201
- 1 unit of MB300-level lecture/discussion-based MB elective
  - These are intended for sophomores and juniors
- 1 unit of MB400-level lecture/discussion-based MB elective
  - These are intended for juniors and seniors
- 2 units of 300- or 400-level laboratory-rich electives
- - Can be satisfied through mentored research with an MB professor
  - Selected non-MB courses can meet one of these two units, but one of these units must be satisfied by an MB course offering. List of courses outside MB that can satisfy one (but not two) of these units: CH382 Biochemistry I; HK304 Advanced Human Anatomy; HK321 Human Physiology; MA256 Mathematical Models in Biology; PY297 Neuroscience I; PY299 Neuroscience (counts as 1 unit); BE365 Plant Physiology; BE280 Population Genetics; BE465 Techniques in Molecular Ecology and Systematics.
- 1 unit of elective in the biological sciences.
  - Can be satisfied by any MB course for majors, or BE course for majors, or by selected courses in Biochemistry, Mathematics, Neuroscience, Anthropology, or Human Biology and Kinesiology (see list). MB109 (FYE Microbiology & Biophysics) satisfies this requirement.
  - List: any MB course other than MB100, MB111, MB131, MB201, MB231; any BE course other than BE100; CH382 Biochemistry I; CH383 Biochemistry II; HK204 Introduction to Human Anatomy; HK304 Advanced Human Anatomy; HK321 Human Physiology; MA256 Mathematical Models in Biology; PY297 Neuroscience I; PY299 Neuroscience (counts as 1 unit); AN230/MB230 Human Evolution; AN202 Human Biological Variation
  - Courses that satisfy this requirement **cannot** also count to fulfill a different requirement
- 1 unit of Senior Capstone in Molecular Biology, MB497, which will be offered twice each year, once in the fall (Block 4) and once in the spring (Block 6). A third block of MB497 may be offered some years depending on the number of senior MB majors.
- A maximum of 2 units of mentored research such as MB209, MB399, MB498, MB499, CH401, and CH403 can be counted toward the Molecular Biology major. All of these mentored research blocks require consent of instructor and agreement from the supervising professor at least one block in advance
- 4 units of Chemistry (CH107 General Chemistry I, CH108 General Chemistry II, CH250 Structures of Organic Molecules, and CH251 Reactions of Organic Molecules)
- 2 units from selected courses in Mathematics, Computer Science, or Physics (MA125 Pre-Calculus and Calculus (counts as two units toward the requirement); MA126 Calculus I; MA127 Calculus I and II Accelerated; MA129 Calculus II; MA117 Probability & Statistics; MA217 Probability and Statistical Modeling; CP115 Computational Thinking; CP122 Computer Science I; CP222 Computer Science II; PC141 Physics for the Life Sciences I; PC241 Physics for the Physical Sciences I). May be satisfied by AP or IB credit recognized by the registrar. BE220 Biostatistics and Experimental Design does not count

for this requirement but may count as "1 unit elective in the biological sciences."

- Must attend Molecular Biology Day as a senior
- Must participate in departmental assessment activities such as the senior exit survey and examination
- Must complete the senior seminar requirement

## Minor Requirements

### Molecular Biology Minor (6 units)

- 1 unit of MB131 Introduction to Molecular and Cellular Biology or MB111 FYE Introduction to Molecular and Cellular Biology
- 1 unit of MB201 Laboratory in Molecular and Cellular Biology and Genetics
- 1 unit of MB231 Genetics
- 2 units that have MB231 as a pre-requisite
- 1 unit either (a) with MB231 as a pre-requisite, or (b) from the list below:
  - List of courses outside MB that can satisfy this unit: CH382 Biochemistry I; HK304 Advanced Human Anatomy; HK321 Human Physiology; MA256 Mathematical Models in Biology; PY297 Neuroscience 1; PY299 Neuroscience (counts as 1 unit); BE365 Plant Physiology; BE280 Population Genetics; BE465 Techniques in Molecular Ecology and Systematics.

## Courses

### Molecular Biology

#### **MB100** Studies in Molecular Biology

Presents students not majoring in molecular biology with inquiries into contemporary issues and phenomena in the biological sciences. Activities include lectures, readings, discussions, and laboratory or field experiences. May not be counted toward a molecular biology major. (May meet the laboratory/field requirement for critical perspectives.) (Not offered 2020-21).

1 unit

#### **MB101** The Science and Ethics of Genetics

A non-majors course covering the basic principles of classical and molecular genetics, and discussions concerning the impact of genetics on biological research, health care, ancestry, the legal system, and society. The course also covers the influence of western philosophers on current perceptions and ethical issues related to genetic technology. Activities include lectures, readings, discussions, and several films. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

1 unit — Bowers

**MB103** Epidemic & Infectious Disease

Outbreaks of infectious disease have had profound impacts on human societies, and continue to impact communities in the present day. The course includes readings that situate selected epidemics in their social contexts, and explores the biological aspects of each infection. Course topics include plague, cholera, smallpox, yellow fever, influenza, HIV/AIDS, and current anti-vaccination movements. (Not offered 2020-21).

.5 unit

**MB109** First Year Experience Microbiology and Cellular Biophysics

Introduction to cellular life, molecular biology, and biophysics. Activities include lectures, readings, discussions, and laboratory work Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Not offered 2020-21).

*Prerequisite:* 1) 2 years high school biology, 2) 1 year high school chemistry, 3) 1 year high school physics, and 4) 1 year high school calculus.

2 units

**MB111** First Year Experience Introduction to Molecular and Cellular Biology

Structures and functions of biomacromolecules, organelles, and cells, and the flow of energy and information within and among them. Provides an introduction to molecular and cellular biology, with emphasis on how questions are addressed experimentally. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

*Prerequisite:* AP/IB equivalent of Chemistry & Biochemistry 107.

2 units

**MB112** Investigations in Molecular Biology

Introduces laboratory techniques and data analysis in molecular biology. Fundamentals of cell biology and microbiology. (Not offered 2020-21).

*Prerequisite:* No credit if taken after Molecular Biology 109, Molecular Biology 111, or Molecular Biology 131.

1 unit

**MB130** Viruses: The Biology and Mathematical Modeling of Epidemics

Basic overview of viral infections, symptoms, mutations, and viral life cycles, and how politics, history, and culture can affect the spread of viral epidemics. Second block will provide a meaningful research experience using techniques from differential calculus to model viral epidemics and provide a deeper understanding of how calculus-based ideas fit into a biological context. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2020-21).

*Prerequisite:* High School Calculus, Mathematics 125, Mathematics 126, or consent of

instructor.

2 units

**MB131** Introduction to Molecular and Cellular Biology

Structures and functions of biomacromolecules, organelles, and cells and the flow of energy and information within and among them. Provides an introduction to molecular and cellular biology, with emphasis on how to address questions experimentally. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Chemistry & Biochemistry 107, or AP/IB equivalent, or consent of instructor.

1 unit — Bowers, Garcia, Hatton

**MB199** Research Ethics in the Sciences

Scientists today are faced with difficult choices due to reduced funding for research and higher expectations of research productivity. This pressure can lead to fraudulent behavior. Training in the responsible conduct of research is essential for students and mentors performing scientific research. The course will introduce students to the basic principles of western philosophy and cover a variety of ethical topics using cases studies. Topics will include: data acquisition, mentor/trainee responsibilities, publication practices and authorship, human subjects, animal research, and conflict of interest. (Not offered 2020-21).

.5 unit

**MB201** Laboratory in Molecular and Cellular Biology and Genetics

Laboratory techniques common in contemporary research in genetics, cell biology, and molecular biology. Introduction to research ethics.

*Prerequisite:* Molecular Biology 131 or Molecular Biology 111; or consent of instructor.

1 unit — Bowers, Hanson, Hatton

**MB209** Introduction to Mentored Research in Molecular Biology

Mentored research projects based on laboratory investigation.

*Prerequisite:* consent of instructor and Molecular Biology 201 and arranged at least one block ahead of time.

1 unit — Garcia, Hanson, Hatton, Killian

**MB210** Introductory Special Topics in Molecular Biology

Special topics not offered on a regular basis. Lecture/Discussion. (Not offered 2020-21).

*Prerequisite:* Biology 131 or Biology 111 or Molecular Biology 131.

1 unit

**MB230** Human Evolution

Examines the fossil and genetic evidence for human evolution. Using the fossil record of early primate evolution as a foundation, the emergence of early hominins and their descendants is investigated. Human adaptations and hypotheses regarding the selective pressures leading to these adaptations are explored. Through lectures, laboratories, discussions, and student presentations, students learn some of the basic principles of molecular genetics and discuss the use of genetics in evolutionary research. Current debates such as the position of Neanderthals, and Denisovans in the human lineage are emphasized. (Not offered 2020-21).

*Prerequisite:* Molecular Biology 111, or Molecular Biology 131, or Chemistry & Biochemistry 108 with consent of instructor.

1 unit

**MB231** Genetics

Nature, transmission and expression of hereditary information; lecture and laboratory will include principles of molecular and transmission genetics with an emphasis on contemporary molecular genetic research.

*Prerequisite:* 1) Molecular Biology 201, and 2) Chemistry 108, or consent of instructor.

1 unit — Bertrand, Killian

**MB244** Scanning Electron Microscopy

Basic principles of electron optical systems, image formation, specimen preparation, and photography. Individual instruction in the care, use and operation of the instrument as a research tool is emphasized. in the natural sciences. (Not offered 2020-21).

*Prerequisite:* Sophomore standing & prior course work in natural science.

1 unit

**MB256** Mathematical Models in Molecular Biology

An introduction to selected quantitative models drawn from ecology, genetics, and physiology. For each model the course includes an investigation of the mathematical methods used, an evaluation of the model, and some elementary simulation techniques. (Offered alternate years). Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2020-21).

*Prerequisite:* Mathematics 126 and 1 college molecular biology course.

1 unit

**MB301** Special Topics in Molecular Biology

Special topics not offered on a regular basis. Lecture/discussion. (Not offered 2020-21).

*Prerequisite:* Biology 231 or Biology 232 or Molecular Biology 231.

1 unit

**MB302** Independent Study in Molecular Biology

Primary literature-intensive investigation of a selected topic in molecular biology.

*Prerequisite:* consent of instructor & Molecular Biology 231.

1 unit — Hatton

**MB305** Advanced Genetic Analysis

Lecture, readings, and discussion of emerging technologies in genetics and biomedical research. Students will critique original scientific proposals that address topics in biomedical-genetic research. Students will read primary literature, prepare a 45-minute lecture on their topic, propose next steps in the research from their chosen topic, and write a research proposal based on next steps and expected results. Students will also discuss specific case studies involving ethical issues in genetic research. Lecture/Discussion.

*Prerequisite:* Molecular Biology 231 & Chemistry & Biochemistry 108.

1 unit

**MB307** The Molecular and Cellular Regulation of Gene Expression

Proper gene expression is critical for essentially all biological processes as its control provides the ability for organisms to develop and adapt to their environments. In this class we will explore transcriptional, post-transcriptional and translational processes that control how genes within a specific cell are eventually expressed. Through lecture, discussion, primary literature, and other in-class activities the course will explore molecular and cellular mechanisms of how genes are regulated and gain an in-depth experimental toolset to study gene expression.

*Prerequisite:* Molecular Biology 231.

1 unit — Garcia

**MB310** Advanced Cell Biology

Study of select processes that occur in eukaryotic cells such as cytoskeletal dynamics, membrane transport, protein targeting, cell-cell communication, and regulation of cell division and death. Heavy emphasis on how questions in cell biology are addressed experimentally. Includes reading and critique of primary literature. Lecture/Discussion. (Not offered 2020-21).

*Prerequisite:* Molecular Biology 231 and Chemistry & Biochemistry 250.

1 unit

**MB315** Genomics

This course provides an introduction to how genome scale data are collected, analysed, and interpreted. A variety of applications for the use of genomic data are presented, and students have the opportunity to carry out a research project using bioinformatics and genomics



methods for data analysis.

*Prerequisite:* Molecular Biology 231 or Organismal Biology and Ecology 280.

1 unit — Hanson

### **MB321** Microbiology: Cells, Molecules, and Infection

Bacteria, viruses, and eukaryotic microbes with emphasis on infectious agents that cause significant human disease. Laboratory work on cultivation and identification of microbes. Satisfies most pre-health requirements for a microbiology course with laboratory. Satisfies the 300-level lecture/discussion requirement for the Molecular Biology major. (Not offered 2020-21).

*Prerequisite:* Chemistry & Biochemistry 250 and Molecular Biology 231. Human Biology and Kinesiology 204 or Organismal Biology and Ecology 106 strongly recommended.

1 unit

### **MB325** Molecular and Cellular Immunology

Genetic, molecular, cellular, and developmental aspects of the immune system central to generation and regulation of immune responses. Through lecture, primary literature discussion, and case studies, this course explores individual components and complex interactions governing the mammalian immune system. Course emphasizes the experimental foundations and approaches of modern immunology.

*Prerequisite:* Molecular Biology 231.

1 unit — Hatton

### **MB341** Special Topics in Molecular Biology

Special topics in Biology not offered on a regular basis. (Not offered 2020-21).

.5 to 1 unit

### **MB345** Transmission Electron Microscopy

Basic principles of electron optical systems, image formation, specimen preparation, ultramicrotomy, and photography. Individual instruction in the care, use, and operation of the instrument as a research tool is emphasized. (Not offered 2020-21).

1 unit

### **MB350** Special Topics in Laboratory Research in Molecular Biology

Special topics not offered on a regular basis. Laboratory intensive (Not offered 2020-21).

*Prerequisite:* 1) Biology 231 or Biology 232 or Molecular Biology 231 and 2) Chemistry & Biochemistry 251.

1 unit

**MB355** Laboratory Advanced Genetics

Laboratory-intensive course that covers the classical transmission genetics and modern molecular genetics techniques. Course emphasizes experimental design, techniques, data gathering, data analysis, and technical science writing. Topics may include genetic mapping, phenotypic analysis, sequencing, analysis of gene expression, RNA interference, and transgene construction. Laboratory intensive.

*Prerequisite:* Molecular Biology 231.

1 unit — Killian

**MB357** Laboratory in Yeast Genetics

This laboratory-intensive, inquiry-based course focuses on techniques in genetics, with an emphasis on using yeast as a eukaryotic model organism. Course emphasizes experimental design, techniques, data gathering, data analysis, and technical skills to effectively communicate science through writing and presentation. Techniques may include: culturing microorganisms, DNA/RNA isolation, quantitative PCR (qPCR), CRISPR, transgene construction, microscopy, and/or assays to observe protein-protein/DNA- protein/RNA-protein interactions. Topics may include: phenotypic analysis, analysis of gene expression, molecular cloning, and genetic screens. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Not offered 2020-21).

*Prerequisite:* Molecular Biology 231.

1 unit

**MB360** Laboratory in Molecular Microbiology

A laboratory-intensive course with supplementary discussions and lectures. Topics include experimental design and analysis, genetic manipulation of bacterial plasmids and chromosomes, bioinformatical analysis of bacterial genomes, and physiological analysis of mutants. Laboratory intensive. (Not offered 2020-21).

*Prerequisite:* Molecular Biology 231 and Chemistry & Biochemistry 251.

1 unit

**MB365** Laboratory in Genomics

This laboratory-intensive course provides a hands-on introduction to asking biological questions at the whole-genome level. Students gain experience preparing samples for high-throughput sequencing and analyzing the data.

*Prerequisite:* Molecular Biology 231.

1 unit — Hanson

**MB375** Laboratory in Advanced Cell Biology

Laboratory-intensive, inquiry-based course that focuses on techniques in cell biology, with an emphasis on understanding the cell biology. Modern molecular biology techniques may

also be employed. Course emphasizes experimental design, techniques, data gathering, data analysis, and technical science writing. Techniques may include: mammalian cell culture, flow cytometry, Western blotting, quantitative PCR (qPCR), microscopy, molecular cloning, RNA interference, proliferation assays, and cell-cycle analysis. Topics may include: cellular signaling, cellular metabolism, phenotypic analysis, analysis of gene expression.

*Prerequisite:* Molecular Biology 231.

1 unit — Hatton

### **MB397** Mentored Research in Molecular Biology Alternative Format

Mentored research projects based on laboratory investigation, using techniques or concepts introduced in genetics. Laboratory intensive. Taught as an extended format course over four blocks, or over half block.

*Prerequisite:* Molecular Biology 231 and arranged at least one block ahead of time.

.5 unit — Garcia, Garcia-Bertrand, Hanson, Hatton

### **MB397** Mentored Research in Molecular Biology Alternative Format

Mentored research projects based on laboratory investigation, using techniques or concepts introduced in genetics. Laboratory intensive. Taught as an extended format course over four blocks, or over half block.

*Prerequisite:* Molecular Biology 231 and arranged at least one block ahead of time.

.5 unit — Garcia, Garcia-Bertrand, Hanson, Hatton

### **MB399** Mentored Research in Molecular Biology

Mentored research projects based on laboratory investigation, using techniques or concepts introduced in genetics. Laboratory intensive

*Prerequisite:* consent of instructor and Biology 231, Biology 232 or Molecular Biology 231 and arranged at least one block ahead of time.

1 unit — Garcia, Garcia-Bertrand, Hanson, Hatton

### **MB401** Advanced Special Topics in Molecular Biology

Special topics not offered on a regular basis. Lecture/Discussion.

*Prerequisite:* Any 300-level course in Molecular Biology or consent of instructor.

1 unit — Bowers, Hatton

### **MB405** Stem Cell Biology

Stem cells are undifferentiated cells that are capable of self-renewal and have the potential to develop into specialized cell types. Stem cells are important for development, reproduction, growth, healing, and homeostasis. Course covers the microenvironments that are required to maintain stem cells, asymmetric cell division, the genes required for stem

cell fate, the use of stem cells for medical applications, and ethical considerations. Course includes lectures, discussion of primary research articles, student presentations, and a writing assignment. Lecture/Discussion.

*Prerequisite:* any 300-level course in Molecular Biology or consent of instructor.

1 unit — Killian

### **MB410** Molecular and Cellular Virology

The molecular genetics, cell biology, and biochemistry of viruses, including attachment to, entry into, and synthesis and assembly inside of host cells. Through lecture, discussion, and laboratory, the course emphasizes the experimental basis of biologists' understanding of the molecular details of DNA replication, transcription, translation, gene regulation, protein localization, cell division, and signal transduction, and how viruses manipulate, subvert, and exploit these cellular processes. Lecture/discussion. (Not offered 2020-21).

*Prerequisite:* 1) Any 300-level course in Molecular Biology and 2) Chemistry & Biochemistry 251 or consent of instructor; Biology 380 or Molecular Biology 310 and Chemistry & Biochemistry 382 strongly recommended.

1 unit

### **MB415** Developmental Neurobiology

Contemporary approaches to the study of nervous system development with emphasis on molecular and genetic techniques. Topics include neural induction, neural stem cells, axon guidance, synapse formation, neuronal life and death, and other topics. Readings will be primary research articles with reviews and textbook chapters as background. Lecture/Discussion. (Not offered 2020-21).

*Prerequisite:* Any MB course at the 300-level OR Molecular Biology 231 Genetics AND Psychology 298 Neuroscience II.

1 unit

### **MB450** Advanced Special Topics in Laboratory Research in Molecular Biology

Laboratory-intensive special topics not offered on a regular basis. Laboratory intensive. (Not offered 2020-21).

*Prerequisite:* Any 300-level course in Molecular Biology or consent of instructor.

1 unit

### **MB455** Laboratory in Advanced Cell Biology

Application of experimental techniques such as microscopy, transgenics, fluorescence microscopy, immunohistochemistry, RT-PCR, and immunoblotting to study select processes that occur in eukaryotic cells such as cytoskeletal dynamics, membrane transport, protein targeting, chemotaxis, and regulation of cell division and death. Includes laboratories, discussion of primary literature, and lectures. Laboratory intensive. (Not offered 2020-21).

*Prerequisite:* Molecular Biology 310 or Chemistry & Biochemistry 382 or consent of instructor.

1 unit

### **MB497** Senior Capstone in Molecular Biology

Seminar-style course exploring not only the science related to a topic in molecular biology but also related social issues. Topic will be selected by faculty on an annual basis and announced to majors before pre-registration. Examples of possible topics include genetic screening and testing, stem cells and medical therapeutics, international pandemics, and cancer.

*Prerequisite:* Senior Standing and a declared major in Biology-MCB track, or Molecular Biology.

1 unit — Bertrand, Hanson

### **MB498** Advanced Mentored Research in Molecular Biology

Advanced mentored research projects based on laboratory investigation, using techniques or concepts introduced in genetics. Laboratory intensive.

*Prerequisite:* consent of instructor and any 300-level course in Molecular Biology; must be arranged at least one block ahead of time.

1 unit — Garcia, Garcia-Bertrand, Hanson, Hatton

### **MB499** Senior Thesis in Molecular Biology

Writing of the senior thesis based on data from an undergraduate research project. The thesis topic is to be chosen by the student following consultation with a member of the Molecular Biology Department faculty who agrees to serve as the project and thesis advisor.

*Prerequisite:* Consent of Instructor must be arranged 1 semester in advance.

1 unit — Garcia, Garcia-Bertrand, Hanson, Hatton

## Music

*Applicable for the 2020-2021 academic year.*

**Music Website (<http://www.coloradocollege.edu/academics/dept/music/>)**

Professors BEN-AMOTS (chair), M. GRACE, Associate Professor BAÑAGALE; Assistant Professor AHARONY, CARRIZO; Artist-in-Residence S. GRACE (associate chair); Lecturers D. BRINK, LASMAWAN, REED; Visitors DOKTOR, HANAGAN, SCHORMANN

The Music Department at Colorado College strives to be an all-inclusive place where musicians of all interests and skills can come to participate in music activities. No audition is required to enter the department, and while we offer a course of study for both music majors and minors, all students at Colorado College are eligible to attend our classes and sign-up for our ensembles. In

fact, many of the 350 students who are active in the department do so only for their own pleasure.

The Department of Music invites all students to indulge their musical interests, either through participating in adjunct credit lessons and ensembles, or perhaps through an elective course to enhance a different major. Music majors and minors have a growing wealth of options available to explore their specialties in considerable depth and prepare themselves for professional careers performing, composing, producing, and teaching. Our course offerings range from general and introductory classes to specialized studies in theory, Western music history, ethnomusicology, popular music, composition, and music technology. Our faculty includes a composer, an ethnomusicologist, music historians, theorists, and world-class performers, as well as a steady stream of visiting professors from many disciplines and from all corners of the globe.

Our ensemble directors preside over a wide variety of group performance opportunities, and our studio instructors offer group classes and private lessons in instruments from the classical orchestra, the concert band, world music, bluegrass, and jazz. Registration for music lessons is available the first two weeks of each semester in the Music Department office, Packard 116. Scholarships are available for group and private music lessons.

The department occupies Packard Hall, with its acoustically superior 300-seat concert hall, state-of-the-art recording studio and classrooms, sound-proof practice rooms, and teaching studios. The Albert Seay Memorial Library of Music and Art is a unique resource of rare books, scores, and recordings. We welcome you to join us for one of our 80+ performances each year, to sign up for a course, or to participate in making music with us, either as a major/minor, or simply for the joy of it!

## Major Requirements

The music major provides students with a diverse foundation of approaches to the academic study and imaginative creativity of the musical arts. At its core is a set of seven required units, designed to introduce students to the broad approaches undertaken in the various fields of musical inquiry, including history and theory, cultural and critical studies, creativity and performance. A set of five additional elective units allows individual students to follow a path of study that aligns with their musical aspirations and goals. Beyond these twelve required units, all majors will enroll in a Capstone Seminar prior to undertaking a cumulative capstone project that will be completed in their senior year:

### Core Course Requirements:

**1 unit of Music in Culture**, such as the following:

- MU291: Music in Culture: Native American Southwest
- MU293: Music in Culture: Asia
- MU295: Music in Culture: Indonesia

**1 unit of Western Music History**, such as the following:

- MU285: Music of the Baroque and Classical Eras

- MU286: Music of Romantic and Early-Modernist Eras

**1 unit of Popular Music Studies**, such as MU268: Popular Music Studies

**1 unit of Tonal Harmony (MU251)**

**1 unit of Composition**, chosen from the following:

- MU200: Music at the Computer

- MU301: Composition

**1 unit of Music Technology**, such as the following:

- MU272: Digital Music Production

**1 unit of Performance** (studio lessons or ensemble participation)

### **Elective Course Requirements:**

2 units freely chosen, with no more than 1 unit at the 100-level

2 units of 300-level seminars (advanced courses at the 300-level)

1 unit of a 200- or 300-level performance-oriented course

**Capstone Seminar:** MU435 to be taken in the junior year in preparation for senior capstone project.

All students will undertake a **Senior Capstone Project** in consultation with their major and secondary advisor. The capstone project may take one of several forms, depending on the student's interests and focus within the field of music. Students may conduct original research and write an extended thesis paper in ethnomusicology, music history, or music theory; they may choose the creative path of composing or arranging a large-scale piece of music, accompanied by an analytical/contextual paper; they may focus on music technology scholarship, creativity, or scientific experimentation, balancing research application and academic writing; or they may perform a public recital approximately 45 minutes in length, accompanied by an analytical/historical paper and program notes. Upon completion of the project, each student will deliver a 20-minute capstone presentation at the annual Music Department Senior Colloquium.

During the academic year the department will sponsor a series of performances by faculty, student ensembles, and visiting artists. Upon declaration, music majors must attend 10 such department-approved concerts per semester to broaden their understanding of the joys and challenges of the concert world and to gain a deeper understanding of performance practices and literature.

Departmental distinction at graduation for seniors will be awarded on the criteria of performance in departmental courses, the senior capstone project, and participation and presence in the life of the department.

## Music Major Advising Checklist

### CORE BLOCK REQUIREMENTS FOR ALL MAJORS:

- 1 unit of Music in Culture
- 1 unit of Western Music History
- 1 unit of Popular Music Studies
- 1 unit of Tonal Harmony
- 1 unit of Composition
- 1 unit of Music Technology
- 1 unit of Performance (studio lessons or ensembles)

### ELECTIVES

- 2 units, freely chosen (no more than 1 unit at the 100-level)
- 2 units of 300-level seminars (advanced courses)
- 1 unit of a 200- or 300-level performance-oriented course

### CAPSTONE SEMINARS

MU435 to be taken in the junior year

Senior Capstone Project (in consultation with major advisor)

### CONCERT ATTENDANCE

10 concerts per semester, some required, some freely chosen

The Department of Music recommends that all music majors complete the Core Requirements by the end of the junior year. Music majors should consult with their academic advisors concerning elective courses for further study in the major areas of the field, such as ethnomusicology, history and literature, music education, performance, and theory/composition.

## Minor Requirements

A minimum of six units of course work in the Music Department, including five required units in the following categories: theory/composition, Western music history, music in culture, American/popular/music technology, and performance. One additional elective from any of these five categories is required, as well as regular concert attendance as described below.

1) One unit in Music Theory or Composition, for example, MU199 Music Fundamentals, MU301 Composition, MU251 Tonal Harmony (or subsequent courses in theory), MU200 Music at the Computer, MU425 Advanced Composition and Orchestration, or other department-approved courses.

2) One unit in Western Music History for example, MU283 Mozart and his Age, MU284



Beethoven, MU285 Music of the Baroque & Classical Eras, MU286 Romantic and Early Modernist Eras, or other department-approved courses (including MU227/228 Topics courses).

3) One unit in Music in Culture for example, MU221/222 Topics in Ethnomusicology, MU290 American Indian Music, MU291 Southwest American Indian Music, MU295 Indonesian Music, MU224 Jewish Music, MU398 American Folk Music, or other department approved courses.

4) One unit in American Music, Popular Music, or Music Technology for example, MU155 Introduction to Jazz, MU227/228 Popular Music (or other appropriate Topics courses), MU272 Digital Music Production, MU274 Experimental Music, MU231 Musicals in American Culture, MU235 From Stage to Screen, or other department-approved courses.

5) One unit (four semesters) of performance in ensemble or studio lessons (Each semester of ensemble or studio lessons earns .25 unit of credit.)

Minors must fulfill one additional unit of an elective music course, of the student's choice, in consultation with the student's minor advisor or one unit (four additional semesters) of ensemble participation/studio lessons.

Additional offerings are listed in the catalog of courses and should be discussed with the student's minor advisor. Only department-approved courses can count toward the minor. Only one FYE unit can count toward the minor.

During the academic year the department will sponsor a series of performances by faculty and student ensembles and soloists, as well as extended visits by distinguished visiting artists. Upon declaration, music minors must attend five (5) such department-approved concerts per semester to broaden their understanding of the joys and challenges of the concert world and to gain a deeper understanding of performance and literature. Additional information can be obtained at the music office.

## Music Minor Advising Checklist

A minimum of 6 units of coursework in the Department of Music, including five required units in the following categories: theory/composition, Western music history, music in culture, American/popular/music technology, and performance. One additional elective from any of these five categories is required, as well as regular concert attendance as described below.

### **FIVE REQUIRED UNITS, ONE FROM EACH OF THE FOLLOWING:**

**1) One unit in Music Theory or Composition:** MU199 Music Fundamentals, MU301 Composition, MU251 Tonal Harmony (or subsequent courses in theory), MU200 Music at the Computer, MU425 Advanced Composition and Orchestration, or other department-approved courses.

**2) One unit in Western Music History:** MU283 Mozart and his Age, MU284 Beethoven, MU285 Music of the Baroque & Classical Eras, MU286 Romantic and Early Modernist Eras, or other department-approved courses (including MU227/228 Topics courses).

**3) One unit in Music in Culture:** MU221/222 Topics in Ethnomusicology, MU290 American Indian Music, MU291 Southwest American Indian Music, MU295 Indonesian Music, MU224 Jewish Music, MU398 American Folk Music, or other department approved courses.

**4) One unit in American Music, Popular Music, or Music Technology:** MU155 Introduction to Jazz, MU227/228 Popular Music (or other appropriate Topics courses), MU272 Digital Music Production, MU274 Experimental Music, MU231 Musicals in American Culture, MU235 From Stage to Screen, or other department-approved courses.

**5) One unit (four semesters) of performance in ensemble or studio lessons**

(Each semester of ensemble or studio lessons earns .25 unit of credit.)

**ONE ADDITIONAL ELECTIVE UNIT**

**One unit of an elective music course of the student’s choice** (approved by the student’s music minor adviser) or **One unit (four additional semesters) of ensemble participation/studio lessons.**

Music minors must attend five (5) department-approved concerts per semester. Programs from each concert must be signed and submitted to the Department of Music office.

*Please note: Only one FYE unit can count toward the music minor.*

**Music Education Advising Checklist**

**Music Education Requirements**

Students interested in becoming a licensed music teacher at Colorado College should major in music and minor in education. Students can receive teaching credentials through the 9<sup>th</sup> semester program or the Master of Arts in Teaching (MAT) program. Both require a formal application and admission process.

The list below reflects the requirements for both the music major and education minor leading to teacher licensure. All interested students need to meet with Deb Mortenson in the Education Department to talk through the possibilities for licensure.

**MUSIC MAJOR**

**Music in Culture (1 unit)**

*One of the following OR \*\*\**

Date Completed Grade

**MU291:** Music in Culture: Native American Southwest

**MU293:** Music in Culture: Asia, **MU295:** Music in Culture: Indonesia

\*\*\*

**Western Music History (1 unit)**

*One of the following OR \*\*\**

Date Completed Grade

**MU285:** Music of the Baroque and Classical Eras,

**MU286:** Music of the Romantic and Early Modernist Eras

\*\*\*

**MU268: Popular Music Studies (1 unit)***One of the following OR \*\*\**

Date Completed Grade

**MU268: Popular Music Studies**

\*\*\*

**Tonal Harmony (1 unit)****MU251: Tonal Harmony****Compositon (1 unit)***One of the following OR \*\*\**

Date Completed Grade

**MU301: Composition, MU200: Music at the Computer**

\*\*\*

**Music Technology***One of the following OR \*\*\**

Date Completed Grade

**MU272: Digital Music Production**

\*\*\*

**Performance (1 unit = four .25 credit courses)**

Date Completed Grade

Music Education students should fulfill this requirement by taking four semesters of large ensemble—band, orchestra, or choir -

**MU164: Concert Band, MU165: Chamber Orchestra, MU160:****Chamber Chorus, or MU161: College Choir****Electives (5 units)***The music major allows for 2 elective units to be freely chosen but* Date Completed Grade*Music Education students MUST take the 2 courses listed below. In**addition, MU325 must be taken as the performance oriented**elective. The 2 units of 300-level seminars are freely chosen.***MU217: Music Learning Theories for Teaching K-12 Band and Orchestra Instruments^****MU227: Elementary Music Practicum ^**1 unit of a 200 or 300 level performance oriented course - **MU325:**

Conducting ^ is required for Music Ed and fulfills this Music Major requirement

**AND**

2 units of 300-level seminars \*\*\*

\*\*\* *or other courses with departmental approval*

**CAPSTONE SEMINAR and PROJECT (2 units)**

|   |                      |
|---|----------------------|
| -   | Date Completed Grade |
| MU435 (taken in the junior year)                                    |                      |
| MU401: Senior Capstone Project (in consultation with major advisor) |                      |

**\*\*CONCERT ATTENDANCE: 10 concerts per semester, some required, some freely chosen\*\***

**EDUCATION MINOR (5 units)**

|  |                      |
|--|----------------------|
| -  | Date Completed Grade |
| ED101: Introduction to K-12 Classroom Culture^   |                      |
| MU217: Music Learning Theories for Teaching K-12 Band and Orchestra Instruments^ (this one course overlaps with the music major) |                      |
| ED222: Diversity and Equity in Education^  |                      |

OR

ED235: From Multicultural Education to Critical Pedagogy^

OR

ED255: Urban Education^

ED311: Educational Psychology^

ED477: Culturally Responsive Teaching and Disciplinary Literacy Methods^

***Demonstrated Piano Proficiency—required for all music teachers^***

**Music Major + Education Minor satisfies the prerequisites for the MAT program – which leads to a license and MAT**

**IF COMPLETING LICENSURE AS UNDERGRADUATE/9<sup>TH</sup> SEMESTER**

**(if applying to MAT program, these courses do not need to be taken as an undergrad – they are part of the graduate program)**

|  |                      |
|--|----------------------|
|  | Date Completed Grade |
| ED478: Advanced Methods: Critical Pedagogies in Literacy, Curriculum and Instruction |                      |
| (2 units) ^  |                      |
| ED400: Integrating Educational Technology (0 units, proficiency based) ^             |                      |

ED407: Topics and Issues of Special Education in the General Classroom (.25 unit) ^

ED408: Assessment Design and Data Driven Instruction (.25 unit) ^

ED479: Teacher Candidate Practicum (3.5 units) ^

*^ Required by Colorado Dept of Educ for teacher licensure in music education*

## Courses

### Music

#### **MU103** Emotion and Meaning in Music

(Not offered 2020-21).

.75 to 1 unit

#### **MU104** World Music

Surveys the musical cultures of eight world areas. Develops musical vocabulary and listening skills through style description and analysis. Explores relationships between music and culture through ethnographic case studies. Introduces traditional vocal and instrumental performance techniques through workshops taught by native musicians. (Fulfills only one unit of the Social Science distribution requirement.) This course meets the ethnomusicology requirement for the music minor. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

2 units

#### **MU107** Percussion

.25 unit — Cooper

#### **MU108** Tabla

(Not offered 2020-21).

.25 unit

#### **MU109** African Drum

(Not offered 2020-21).

.25 unit

#### **MU110** Voice

*Prerequisite:* consent of department & Application.

.25 unit — Brink, Brink, DeDominici

**MU112** Piano

.25 unit — Brink, Brink, Grace, Wilson

**MU113** Organ

.25 unit — Jacobs

**MU114** Harp

.25 unit — Hunt

**MU116** Jazz Bass Guitar

.25 unit — Neihof

**MU117** Jazz Guitar

.25 unit — Taylor

**MU118** Jazz Piano

.25 unit — Barta

**MU121** Double Bass

.25 unit — Neihof

**MU122** Cello

*Prerequisite:* consent of instructor.

.25 unit — Kolb

**MU123** Viola

.25 unit — Dobrotvorskaia

**MU124** Violin

*Prerequisite:* consent of instructor.

.25 unit — Jorgensen

**MU125** Fiddle

(Not offered 2020-21).

.25 unit

**MU126** Banjo

.25 unit — Reed

**MU127** Bluegrass Guitar

.25 unit — Reed

**MU128** Mandolin

.25 unit — Miller, Reed

**MU129** Classical Guitar

.25 unit — Miller

**MU130** Tuba

.25 unit — Van Hoy

**MU131** Baritone

.25 unit — Van Hoy

**MU132** Trombone

.25 unit — Van Hoy

**MU133** Trumpet

.25 unit — Wilson

**MU134** French Horn

.25 unit — Ford

**MU135** Saxophone

.25 unit — Van Arsdale

**MU136** Clarinet

.25 unit — Stevens

**MU137** Flute

.25 unit — Nagem

**MU138** Oboe

.25 unit — Ding

**MU139** Bassoon

.25 unit — Vieira

**MU140** Recorder

.25 unit — Ekberg

**MU145** Class Instruction in Beginning Guitar

.25 unit — Miller

**MU146** Class Instruction in Intermediate Guitar

.25 unit — Miller

**MU147** Class Instruction in Piano

.25 unit — Brink

**MU148** Class Instruction in Voice

*Prerequisite:* consent of instructor.

.25 unit — DeDominici

**MU149** Advanced Class Instruction in Vocal Diction

The International Phonetic Alphabet (I.P.A.)- a vital system which identifies each individual sound in speech- will serve as the foundation for learning the pronunciation of the four dominant languages in vocal repertoire- German, French, Italian and English. Students will gain the essential knowledge of pronunciation necessary for enhancing their appreciation of vocal art, their own performance practice, and their ongoing music and/or language studies. This adjunct course is required of all vocal performance students wishing to present a junior or senior recital. .25 units a semester.

.25 unit — DeDominici

**MU150** Music in Western Culture

For the non-music major. This course will examine the socio-cultural influences on music from antiquity to modern times. The music of each period will be examined in terms of its stylistic characteristics, its performance practices and its function within the society. Selected genres, composers and musical form will be studied through directed listening sessions. Special attention will be given to the aesthetic ideas that shaped the music of each period. (Not offered 2020-21).

1 to 2 units

**MU155** Introduction to Jazz

Musicians, critics, and historians have struggled to define jazz for a hundred years. This introduction to the history of jazz focuses on the musical processes and cultural concerns that have come to define this genre. Emphasis on the ways that social issues such as racial segregation, discrimination and the African-American struggle for civil rights have contributed to the aesthetics and political power of jazz music. No previous experience required. Writing in the Discipline. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Doktor

**MU158** Experiencing Asia Through Music and Art

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.



(Not offered 2020-21).

2 units

**MU159** Mariachi Tigre

Mariachi Tigre was founded on CC Campus in 1999 and has seen several successful performances since. The mariachi band is open to any student wishing to play, sing, play violin, trumpet, guitar, vihuela, or guitarron. Harp and accordion players are also encouraged to join. Mariachi Tigre performs at least two concerts every year. The mariachi band is a fun way to continue to play your instruments in a new style, or it can be a great way to learn a new instrument. Mariachi Tigre rehearses every Thursday, 4:30-6:30 in Packard 9. .25 units a semester

.25 unit

**MU160** Chamber Chorus

.25 unit — Teske

**MU161** College Choir

.25 unit

**MU162** Collegium Musicum

.25 unit — Ekberg

**MU163** Small Chamber Ensemble

.25 unit — Brink, DeDominici, Jorgensen, Lasmawan

**MU164** Concert Band

.25 unit — Van Hoy

**MU165** Chamber Orchestra

.25 unit — Brink

**MU166** Guitar Ensemble

.25 unit — Miller

**MU167** Jazz Ensemble

.25 unit — Van Arsdale

**MU168** Balinese Gamelan

.25 unit — Lasmawan

**MU169** Bluegrass Ensemble

.25 unit — Reed

**MU170** World Music Ensemble

(Not offered 2020-21).

.25 unit

**MU180** Music at the Millennium: Etudes in Order and Chaos

(Summer only 2020-21).

1 to 2 units

**MU185** Music at the Millenium

(Summer only 2020-21).

1 unit

**MU199** Music Fundamentals

Develops understanding of the basic elements of music through written and aural exercises and analysis. Rudiments of music theory involving melody, rhythm, and harmony. Concentration on notation and aural recognitions of rhythm and meter, key signatures, scales, and intervals; the construction and connection of basic triads and chords; basic keyboard and sight singing skills. Designed to assist students planning to take Theory I-IV or for students interested in gaining knowledge of the musician's basic materials and skills. Cannot be used as a credit toward the music major.

*Prerequisite:* Consent of Instructor.

1 unit — Ben-Amots, Brink, Carrizo

**MU200** Music @ the Computer

Introduction to digital sound in all three categories of composition, orchestration and musical arrangement, with primary focus on Finale Notation Software. Work in the computer lab will explore a range of possibilities that combine digital samples, multimedia, and the Internet. Students will create their own orchestral arrangements and explore new combinations of sound and rhythm in an atmosphere of experimentation and discovery. Students will print, playback and record their own music. (Not offered 2020-21).

*Prerequisite:* consent of instructor.

.5 to 1 unit

**MU202** Music of Cuba

An introduction to the cultural and political scene of Cuba, past and present. Through a careful examination of the classical repertoire and salon music, from the 18th to the 20th Centuries, we will explore the Danzón Music as well as the various Afro-Cuban religious groups like the Santería, Palo, Abakuá and Arará. Special attention will be given to the question of the way post-revolution Cuban society deals with nationality, race, and gender

issues in the arts and how ideas of a Cuban cultural identity are remodeled by the government. Finally, the course will address questions of marketing and commercializing of contemporary Cuban music as demonstrated by the enormous success of the “Buena Vista Social Club” and other movies. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit

### **MU214** Vocal Literature and Language

Traces the development of secular vocal music from the renaissance to the 20th century with a special focus on Lieder and melodie. The International Phonetic Alphabet (I.P.A.)-a vital system which identifies each individual sound in speech-will serve as the foundation for learning the pronunciation of the four dominant languages in this repertoire--German, French, Italian and English. Students will gain the essential knowledge of vocal repertoire and pronunciation necessary for enhancing their appreciation of vocal art, their own performance practice, and their ongoing music and/or language studies. (Not offered 2020-21).

1 unit

### **MU217** Music Learning Theories for Teaching K-12 Band and Orchestra Instruments

This course introduces music learning theories foundational to teaching others how to play an instrument in the context of school, private lessons, and informal settings. The course considers how sound is produced, which motor and aural skills enhance instrumental performance, and what teaching methods improve instruction and learning. Students acquire intermediate performance skills on two band instruments and one orchestral instrument. Group practice labs, much like rehearsals, provide opportunities for students to conduct, plan, and present lessons, as well as to experience the complexity of working with multiple instruments in a heterogeneous setting. The course culminates with solo and small ensemble performances. This course is required for K-12 music teaching licensure candidates.

*Prerequisite:* Basic music reading and consent of instructor.

1 unit — Hanagan

### **MU221** Topics in Ethnomusicology:

Special topics in ethnomusicology, approached through emphasis on a particular musical area, theoretical issue, genre or repertory, compositional technique, or instrument. The course is devoted to non-Western musical cultures. Meets the ethnomusicology requirement for the music minor. (Not offered 2020-21).

1 unit

### **MU222** Topics in Ethnomusicology:

Special topics in ethnomusicology, approached through emphasis on a particular musical area, theoretical issue, genre or repertory, compositional technique, or instrument. The course is devoted to non-Western musical cultures. Meets the ethnomusicology requirement for the music minor.

1 unit — Lasmawan

### **MU224** Jewish Music

This interdisciplinary course traces the many musical traditions of the Jewish world communities in a journey from Temple singing and desert ceremonies in biblical times, through music of Mendelssohn, Mahler, and Schoenberg, to works of individuals such as Gershwin, Copland, Berlin, and Bernstein. Included will be a comparative study of the three major religions of the Western world exploring their respective voices and musical interaction. Sociology, literature, religion and history, as well as issues of ethnicity, cultural unity and self-expression, will be engaged in this multicultural search for musical identity. (Also listed as Religion 224.) May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **MU227** Topics in Music (Fall Semester).

Special topics in music history, theory, creativity, or technology. Topics vary from year to year, but typically emphasize a particular musical area, theoretical issue, genre, repertory, creative/compositional technique, or instrument.

1 unit — Aharony, Brink, Carrizo, Hanagan

### **MU228** Topics in Music (Spring Semester).

Special topics in music history, theory, creativity, or technology. Topics vary from year to year, but typically emphasize a particular musical area, theoretical issue, genre, repertory, creative/compositional technique, or instrument. Courses may be offered as half-block or regular-block offering.

.5 or 1 unit — Aharony, Carrizo, Cornelius, Davis

### **MU235** From Stage to Screen

Music is first and foremost a sonic experience, but one that relies significantly on the visual to convey meaning. Film, television, and the internet have fundamentally changed the ways in which we experience music. This course explores the vibrant world of musical performance and how a change of venue, from the stage to the screen, affects both our experience of the musical event and our understanding of it. Some of the transformations investigated include: film adaptations of Broadway musicals; the classical canon as soundtrack and subject; popular music as music video and video games; and the live broadcast of performance into alternative sites and surroundings. (Not offered 2020-21).

1 unit

### **MU251** Tonal Harmony

This course builds on the basic aspects of musicianship while introducing students to the harmonic language and techniques of 17th-19th century western music. Students will analyze chorals and other harmonic genres, learn to interpret figured bass, write basic four-part chord progressions according to proper voice leading rules, and be able to demonstrate these musical genres at the keyboard. A major component of this course is the development

of aural skills and sight singing including intervallic and chordal quality recognition as well as melodic and rhythmic dictations. The course will cover the full scope of diatonic through Chromatic harmony, including secondary dominants, extended subdominants, special sixth chords, modulations, and simple score reading.

1 unit — Brink

### **MU268** Popular Music Studies

This course provides an overview of current, interdisciplinary approaches to the study of popular music. Rather than provide a chronological survey of genres and styles, students will be introduced to how such designations emerge through the study of historiography and reception. Critical methodological approaches include identity, race, ethnicity, gender, and sexuality studies. Students will undertake research and writing projects in both scholarly and popular literary modes. (Not offered 2020-21).

1 unit

### **MU271** Musicals in American Culture

Musicals stood at the center of American culture for much of the twentieth century. They not only generated tunes and tales that became the hits of their day, but also commented on the ever-shifting social and political landscape. Rather than offer a comprehensive survey, this course explores the musical artistry and cultural resonances of the American musical through a cluster of shows that confront issues of race, ethnicity, politics, immigration, and globalization. The course places an emphasis on compositional style through the development critical listening and analysis skills. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **MU272** Digital Music Production

A creative course within an intensive hands-on environment, it serves as an introduction to concepts and methods in the intersection of music and technology. Students will work on a series of creative projects utilizing a range of techniques, with a focus on artistic applications of a digital audio workstation. The students' creative work will be informed by a basic introduction to the fundamental theoretical context (acoustics, digital and analog audio, MIDI), as well as analytical listening, discussion, and peers' feedback and collaboration. Topics will include digital audio, signal processing, live electronics, and basic recording techniques, including sessions at the music department's professional recording studio. With an openness towards any form of personal musical expression, unbounded by genre or style, this course is designed to encourage experimentation and exploration, aesthetically as well as technologically. This course is open to any interested student and welcomes a diversity of backgrounds and levels of experience; no previous musical experience, digital or otherwise, is required. 1 unit.

1 unit

### **MU274** Experimental Music

How do some musicians challenge the musical, cultural, technological, and societal norms of their time? What gives rise to such challenges, and what can be their impact? The

development of music in the last 100 years has been marked by numerous paths of innovation and experimentation. Some have left behind mere traces of originality and vision, while others evolved into essential features of today's musical vocabulary. In this course, students will examine a wide spectrum of key experimental musical works, through the lens of several core aesthetic elements. Works explored will range from the mid-20th century American Classical -avant-garde and early pioneers of Electronic Music, through a diverse array of artists (from John Cage, Steve Reich, and Pauline Oliveros, to Public Enemy, Laurie Anderson, Radiohead, Kendrick Lamar, and others), and to today's more unconventional and envelope-pushing corners of music-making. Listening will be enhanced by a critical discussion of the works, as well as their context, impact, and potential connections to other artistic and cultural developments. Importantly, students will explore the topics covered in the course also through a series of creative projects, including assignments that involve basic digital audio editing and processing. No previous experience or musical background required. 1 unit.

1 unit — Aharony

### **MU281** American Music History

Overview of classical and popular traditions in American music. Draws out this music's relevance to audiences of the past and of the present. Assigned listening and readings paired with source materials (such as correspondence, diary entries, and historical reviews) selected to increase understanding of a given work or historical figure. (Not offered 2020-21).

1 unit

### **MU282** Music & the Mind

(Summer only 2020-21).

1 unit

### **MU283** Mozart & His Age

A study of Mozart's life, character and works in the context of 18th century Europe. The course will examine each genre of music composed by Mozart and compare his works with those of his immediate predecessors and contemporaries such as Handel and Haydn. Mozart's place in 18th century society - his relationships with employers, contemporary musicians and works, family, friends, and the Masonic movement - will be examined as a context for the study of his music. No musical background is required.

1 unit — Grace

### **MU284** Beethoven.

An exploration of the life and music of Ludwig van Beethoven (1771-1827). The course will begin with an overview of Beethoven's artistic inheritance from Haydn and Mozart, particularly in regard to symphonies, piano sonatas and concertos, string quartets, music for the stage, and sacred music. The powerful and daring works of Beethoven's middle period, the time of his increasing deafness, proved a challenge to this inheritance, and these compositions dominated the aesthetic concerns of the most important Western composers who followed Beethoven in the nineteenth century. The transcendental, reflective, and even

puzzling works that Beethoven created in his last years - while his behavior was becoming more erratic and disturbing - were not fully appreciated by his contemporaries and immediate successors. Indeed, their artistic value and influence were not generally acknowledged until the twentieth century. This course will focus on the musical and biographical considerations that can be used to describe Beethoven as a Viennese Classical, Romantic, and post-Romantic figure, as well as his role in forming the modern concept of the performing artists and composer. No musical background is required.

1 unit — Grace

**MU285** Music of the Baroque and Classical Eras.

Study of musical forms, styles, media and aesthetic criteria in the cultural context of the Age of Enlightenment. The emergence of the composer from artistic patronage systems into the realm of freelance employment will serve as a central theme. Particular attention will be given to Vivaldi, Bach, Handel, Haydn, Mozart and Beethoven. (Not offered 2020-21).

*Prerequisite:* Music 199 or Consent of Instructor.

1 unit

**MU286** Music of the Romantic and Early-Modern Eras.

Study of musical forms, styles, media and aesthetic criteria in the rapid and dramatic cultural changes of the ages of Romanticism and early Modernism. The rise of the composer as an individualist in the Romantic Age, and the disintegration of the traditional musical cannon at the end of the 19th Century until WWI will serve as a central theme. Special attention will be given to the music of Schubert, Schumann, Chopin, Liszt, Berlioz, Brahms, Wagner, Verdi, Debussy, Stravinsky and Schönberg.

*Prerequisite:* Music 199 or consent of instructor.

1 unit — Grace

**MU290** American Indian Music

Explores American Indian history, culture, society, religion, ritual, aesthetic expression, and contemporary issues through the domain of music. Develops ability to identify, describe, and analyze various American Indian music; considers diverse styles and performance contexts. Addresses traditional as well as new music. This course meets the ethnomusicology requirement for the music minor. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**MU291** Music in Culture: Native American Southwest

Music is central to Native Americans within both local communities and urban contexts, and its study illuminates important facets of Native social structure, ways of life, and world view. This course addresses Native musical cultures of the Southwestern United States in historical and contemporary perspectives, surveying diverse repertoires including ceremonial, popular, and Native Classical musics. It focuses on the elements of style that create a distinctive sound within each musical repertory, and considers major concerns of

Native musicians today, including musical preservation and revitalization, misappropriations of Native musics, and musical challenges to ethnic stereotypes. Students participate in hands-on performance workshops led by Native musicians. Assignments are project-based and discussion-oriented. Course material is enhanced by guided listening and films. All students are welcome; no prior musical background needed. This course meets the ethnomusicology requirement for the music minor. As a cross-listing with Anthropology, it centers on humans as producers of music, situates musical activity comparatively, and makes meaningful connections with the body of knowledge and theory of cultural anthropology. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **MU293** Music in Culture: Asia

: Music is a cornerstone of Asian expressive traditions, providing a lens through which the complex social interactions within the region may be understood. This course introduces the musical cultures of India, China, and Japan in historical and contemporary perspectives, surveying diverse repertoires including ritual, court, folk, popular, and film music. It focuses on three pivotal time periods in each region—the classical era, the early modern era, and the twentieth century—and on the elements of style that create a distinctive sound within each culture. Students participate in hands-on performance workshops led by masters of Asian musics. Assignments are project-based and discussion-oriented. Course material is enhanced by guided listening and films. All students are welcome; no prior musical background needed. This course meets the ethnomusicology requirement for the music minor. As a cross-listing with Anthropology, it centers on humans as producers of music, situates musical activity comparatively, and makes meaningful connections with the body of knowledge and theory of cultural anthropology. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

### **MU295** Music in Culture: Indonesia

Gamelan orchestras, featuring a variety of bronze, bamboo, and wooden percussion instruments, are a global icon of Indonesian culture. This course introduces the vibrant and dynamic gamelan traditions of Bali and Central Java in historical and contemporary perspectives, surveying diverse repertoires including ritual, court, village, dance, theater, and popular musics. Students learn the fundamentals of Indonesian music theory and the elements of form and design that create the distinctive sounds of gamelan music. The role of Hinduism and Islam in Indonesian musical life is discussed, along with the impact of Dutch colonization, decolonization, and tourism. Emphasis is placed on performance and creative components; students compose and perform gamelan music and participate in hands-on workshops with Indonesian musicians. The class culminates in a public performance, in which students present music learned during the course. All students are welcome; no prior musical background needed. The class is team-taught by an Indonesian musician and an ethnomusicologist. This course meets the ethnomusicology requirement for the music minor. As a cross-listing with Anthropology, it centers on humans as producers of music, situates musical activity comparatively, and makes meaningful connections with the body of knowledge and theory of cultural anthropology. Meets the Critical Perspectives: Global Cultures requirement.



1 unit — Lasmawan

### **MU301** Composition

Practical guidance in the composition of original music, with reference to 20th century music theory and compositional methods. Students will be able to concentrate on both the creative and the analytical aspects of contemporary composition.

*Prerequisite:* Music 199 Music Fundamentals or consent of instructor.

1 unit — Ben-Amots

### **MU302** Advanced Composition and

This advanced course combines the study of the ranges, capabilities, and characteristics of orchestral instruments with practical guidance in the composition of original music. Examines orchestration techniques with emphasis on the historical evolution of the orchestra, starting with the Baroque era and its basso continuo, through Classical, Romantic, and 20th-century orchestration techniques. (Not offered 2020-21).

*Prerequisite:* consent of instructor.

1 unit

### **MU303** Advanced Theory and Formal Analysis.

Harmonic practices of the late 19th century; elementary instrumentation and score-reading; keyboard harmony, ear-training, and sight-singing. (Not offered 2020-21).

*Prerequisite:* Music 251 (Tonal Harmony).

1 unit

### **MU315** Music History I

Music of the Ancient World, Middle Ages, Renaissance, and Baroque. Forms, techniques, media, and aesthetic elements as fundamentals of style. An examination of music and music theory from classical antiquity through the middle of the 18th century, including the diffusion of early Christian chant, the rise of mainstream sacred polyphony in Paris during the twelfth and thirteenth centuries, the spread of sacred and secular forms during the late Middle Ages, the influence of English style on the French-Flemish composers who would dominate sacred musical style in the fifteenth and early sixteenth centuries, the appearance of important Italian composers in the late Renaissance, the national manifestations of Renaissance and early Baroque secular forms, and the international High Baroque style of Vivaldi, Bach, Handel, and Rameau. (Not offered 2020-21).

*Prerequisite:* consent of instructor & 199. Music 315 & 316 TOGETHER equals 'W' credit.

1 unit

### **MU316** Music History II

Music of the Classical and Romantic periods, and the 20th century until 1945. Forms, techniques, media, and aesthetic elements as foundations of style. Music of the Classical era

concentrating on the works of Haydn, Mozart, and Beethoven, studied in the context of the age of Enlightenment and the freedom of the composer from patronage systems. The emergence of a romantic ideal in 19th century music with special focus on Schubert, Schumann, Chopin, Liszt, Berlioz, Brahms, Verdi, Wagner, nationalistic composers in Russia, and Mahler. The languages of 20th-century music as a part of rapid cultural change including the music of Debussy, Stravinsky, Schonberg, Webern, Berg, and Bartok. Note: Music History I and II do not have to be taken in sequence and credit is given for each course completed. (Not offered 2020-21).

*Prerequisite:* consent of instructor & 199. Music 315 & Music 316 TOGETHER equals 'W' credit.

1 unit

**MU321** Advanced Performance (Fall Semester).

Semester-long, advanced-level course in instrumental or vocal performance with exposure to a wide variety of music literature, styles, and genres through experiential learning. Students receive full-hour lesson each week and perform publicly at least once during that semester, participating in Music at Midday, teacher seminars, master classes by visiting artists, and demonstrations for academic classes as appropriate. (Not offered 2020-21).

.5 unit

**MU322** Advanced Performance (Spring Semester).

Semester-long, advanced-level course in instrumental or vocal performance with exposure to a wide variety of music literature, styles, and genres through experiential learning. Students receive full-hour lesson each week and perform publicly at least once during that semester, participating in Music at Midday, teacher seminars, master classes by visiting artists, and demonstrations for academic classes as appropriate. (Not offered 2020-21).

.5 unit

**MU325** Conducting (Choral)

Basic conducting and rehearsal techniques; interpretation in light of performance practices of various historical periods. Some outside reading required. Taught as an extended format course and must be taken for a full year. (Not offered 2020-21).

*Prerequisite:* consent of instructor.

1 unit

**MU342** Music Education in the Elementary Grades

(Not offered 2020-21).

*Prerequisite:* consent of instructor (extended format).

.5 to 1 unit

**MU391** Independent Study (Fall Semester).

Independent, in-depth investigation of a subject previously studied or an area of academic interest not covered in a regular departmental course. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

1 unit

**MU392** : Independent Study (Spring Semester).

Independent, in-depth investigation of a subject previously studied or an area of academic interest not covered in a regular departmental course. Meets the Critical Perspectives: Quantitative Reasoning requirement.

.5 unit — Doktor

**MU393** Comparative Music Theory

Thinking about music is a universal human behavior, although people from diverse musical cultures think about music in very different ways. This course investigates the fundamentals of musical thought around the world and explores alternative approaches to the analysis of world musics. Students learn about the history and methods of music notation and pitch naming systems from global perspectives and compare practices of musical transmission, musicianship, and creativity around the world. Students apply ear-training and music dictation skills to the transcription of archival recordings from Spanish New Mexico, and demonstrate competence in transcription, analysis, and research methods through an individually-designed project. Students develop critical thought by reading and discussing analytical case studies from Bali, Bulgaria, Central African Republic, China, Cuba, India, Iran, Java, Native America, and other musical cultures. This course meets the ethnomusicology requirement for the music minor. As a cross-listing with Anthropology, it centers on humans as producers of music, situates musical activity comparatively, and makes meaningful connections with the body of knowledge and theory of cultural anthropology. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

*Prerequisite:* Music 392.

1 unit

**MU395** Irish Traditional Music

Irish traditional music has played an integral role in the ongoing formation of Irish and Irish American identities. This course explores the historical development of Irish music and the ways in which it has articulated issues of colonization, nationalism, diaspora, cultural revival, and globalization. It further examines Irish musical styles, genres, and repertoires. Emphasis is placed on performance and creative components; students participate in hands-on workshops with Irish musicians and attend a concert of traditional Irish music. Instrumental and vocal tutorials enhance the workshops and the class culminates in a public performance, in which students present music learned during the course. The class is team-taught by an Irish singer and an ethnomusicologist. This course meets the ethnomusicology requirement for the music minor. As a cross-listing with Anthropology, it centers on humans as producers of music, situates musical activity comparatively, and makes meaningful connections with the body of knowledge and theory of folklore. (Also listed as Anthropology 308). Meets the Critical Perspectives: Global Cultures requirement. (Not

offered 2020-21).

*Prerequisite:* Previous college-level music coursework or private instruction; instrumental/vocal proficiency; and consent of instructor.

1 unit

### **MU397** Advanced Topics in Music

Particular topics in music that require a more advanced background in music theory and history. Specific offerings vary from year to year and focus on periods, composers, areas, or mediums that are not otherwise offered through the regular curriculum

*Prerequisite:* consent of instructor.

1 unit — Ben-Amots

### **MU398** Advanced Topics in Music

Particular topics in music that require a more advanced background in music theory and history. Specific offerings vary from year to year and focus on periods, composers, areas, or mediums that are not otherwise offered through the regular curriculum

1 unit — Aharony, Ben-Amots, Doktor, Reed

### **MU399** Experimental Music

Study and practical work in the 'American Experimental Tradition' of Ives, Cowell, Cage, Partch and Young, and their international contemporaries and disciples. Primary focus on the development of new acoustic sound sources, including extended instrumental and vocal techniques, instrument design and building. Some attention also to compositional and performance issues. (Not offered 2020-21).

*Prerequisite:* Music 150 or 392.

1 unit

### **MU401** Readings in Music: (Fall Semester)

Specialized concentration in fields appropriate to the needs of the individual student, under the direction of the music faculty. May be taken by non-music majors.

*Prerequisite:* consent of instructor.

1 unit

### **MU402** Readings in Music: (Spring Semester)

Specialized concentration in fields appropriate to the needs of the individual student, under the direction of the music faculty. May be taken by non-music majors.

*Prerequisite:* consent of instructor.

1 unit

**MU435** Capstone Seminar

Development and design of research topics, questions, and proposal, with emphasis on project design, exploration of secondary literature and primary sources, bibliographic construction and format. Students will complete a formal project proposal for submission to music department faculty for approval as well as prepare a research funding proposal (such as a Venture Grant) for their respective project. Required of all music majors in the spring of their junior year, in block 6 so that it coincides with the capstone presentations of the senior class above them. The intention here is that students will have the goals and skills in place to undertake research and creative work during the summer prior to their senior year and to prepare students to undertake the senior capstone project in music.

*Prerequisite:* Junior Music Majors Only.

1 unit — Banagale

**MU437** Senior Capstone (Fall Semester)

Advanced work on the senior capstone project in music oriented towards individual student's interest and focus. Ordinarily taken following MU 435 (Capstone Seminar).

1 unit — Aharony, Banagale, Ben-Amots

**MU438** Senior Capstone (Spring Semester)

Advanced work on the senior capstone project in music oriented towards individual student's interest and focus. Ordinarily taken following MU 435 (Capstone Seminar).

1 unit — Banagale

**MU521** Vocal Arts Symposium

(Summer only 2020-21).

1 unit

**Neuroscience**

*Applicable for the 2020-2021 academic year.*

**Neuroscience Website** (<http://www.coloradocollege.edu/academics/dept/neuroscience/>)

Advisors; Professors DRISCOLL (co-director), ERDAL, HORNER, JACOBS (co-director); Associate Professors DAUGHERTY, DOUNAY, KILLIAN; Assistant Professor HATTON.

The neurosciences investigate the development, organization, and function of the nervous system. The ultimate goal is to understand behavior in terms of underlying neural structure. Neuroscience at Colorado College is an interdisciplinary major, requiring courses in biology, chemistry, mathematics, and psychology.

**Major Requirements**

## Major Requirements

Students wishing to major in neuroscience complete a minimum of 14 courses (16 units) across several departments. See the [Neuroscience section of the course catalog](#) for a summary of regular course offerings.

### 1. Required courses

#### PSYCHOLOGY (PY)

- PY100 (or 101 or 105 or 111): Introduction to Psychology
- PY202: Research Design in Psychology (2 blocks)
- PY299: Neuroscience (2 blocks)

#### CHEMISTRY (CH)

- CH107 and CH108: General Chemistry I, II
- CH250: Structures of Organic Molecules
- CH251: Reactions of Organic Molecules

#### MATHEMATICS (MA)

- MA125: Pre-Calculus & Calculus or MA126: Calculus I

#### MOLECULAR BIOLOGY (MB)

- MB131: Introduction to Molecular and Cellular Biology

and **two** of the following 400-level courses:

- PY412: Neuropsychology
- PY419: Neuroscience Methods
- PY420: Cognitive Neuroethology
- PY433: Neuropharmacology
- MB415: Developmental Neurobiology (previously MB440)

**2. Electives:** Any **three** of the following courses (note that some of these courses have additional prerequisites not listed above, and some are not taught every year):

#### PSYCHOLOGY (PY)

- PY309: Social Psychology
- PY321: Perception
- PY332: Learning and Adaptive Behavior
- PY344: Cognition
- PY362: Abnormal Psychology
- PY374: Lifespan Developmental Psychology
- PY439: Language and Thought

#### CHEMISTRY (CH)

- CH245: Bioanalytical Chemistry

- CH382: Biochemistry I
- CH383: Biochemistry II
- CH410: Medicinal Chemistry

### **MOLECULAR BIOLOGY (MB)**

- MB201: Laboratory in Molecular and Cellular Biology and Genetics
- MB231: Genetics
- MB305: Advanced Genetic Analysis
- MB310: Advanced Cell Biology
- MB320: Microbiology and Molecular Genetics
- MB325: Molecular and Cellular Immunology
- MB355: Laboratory in Advanced Genetics
- MB360: Laboratory in Molecular Microbiology
- MB375: Laboratory in Advanced Cell Biology

### **HUMAN BIOLOGY AND KINESIOLOGY (HK)**

- HK204: Introduction to Human Anatomy
- HK304: Advanced Human Anatomy

### **COMPUTER SCIENCE (CP)**

- CP115: Computational Thinking
- CP122: Computer Science I
- CP222: Computer Science II

### **PHYSICS (PH)**

- PC141: Physics for the Life Sciences I
- PC142: Physics for the Life Sciences II
- PC241: Physics for the Physical Sciences I: Mechanics
- PC242: Physics for the Physical Sciences II: Electricity and Magnetism

Students who wish to pursue graduate studies in the neurosciences are strongly encouraged to complete at least one block of relevant independent laboratory research under close faculty supervision from one of the following: PY451–454; MB399/498; CH201/301/403. Note that such research projects must involve one of the neuroscience advisers. If the adviser is in the Department of Psychology, the student must complete a final project proposal the academic year before the research is to be conducted. Proposal guidelines are available on the psychology web page.

## **Organismal Biology and Ecology**

*Applicable for the 2020-2021 academic year:*

**Organismal Biology and Ecology Website (<https://www.coloradocollege.edu/academics/dept/obe/>)**

Professors HATHAWAY, LINKHART; Associate Professors GRAY, HESCHEL, WILSON; Assistant Professor JABAILY; Visiting Associate Professor DRUMMOND; Visiting Assistant Professor KHORSAND.

The Department of Organismal Biology and Ecology (OBE) studies the structure and function of organisms in an ecological and evolutionary context. OBE encompasses cross-disciplinary approaches such as physiological ecology, evolutionary ecology, systematics, and biogeography, which all provide complementary insights into the processes of evolutionary diversification and adaptation to life on earth.

Our research foci include botany, animal and plant ecology, comparative physiology, conservation biology, and molecular ecology. We strive to perform cutting-edge research and include students in these opportunities.

See the **OBE Major's Handbook** for all information pertinent to our major.

## Major Requirements

### ***THE OBE MAJOR: SHORT GUIDE – 15 units***

1. ***Two units - Introductory Organismal Biology:*** BE105 Biology of Plants *and/or* BE106 Biology of Animals *and/or* BE107 Biology of Microbes
2. ***One unit - Ecology:*** BE208
3. ***One unit - Intro to Molecular and Cellular Biology:*** MB131
4. ***One unit - Population Genetics or Genetics:*** BE280 Population Genetics *or* MB201 Laboratory in Molecular and Cellular Biology and Genetics
5. ***Three units - Chemistry:*** CH107 General Chemistry *and* CH108 General Chemistry II *and* CH250 Structures of Organic Molecules
6. ***Two units - Mathematics:*** one in calculus and one in statistics OR math modeling
7. ***Five approved OBE Electives:*** at least three must be upper-level and one of the three must be a capstone course in your last two semesters at CC.
8. ***Attend and write abstracts for 3 OBE-approved seminars – first abstract is due junior year!! BEGIN EARLY!!***

### ***THE OBE MAJOR: FULL GUIDE – 15 units***

1. **(2) Twounits in Introductory Organismal Biology:**
  - BE105 Biology of Plants, *AND/OR*
  - BE106 Biology of Animals, *AND/OR*
  - BE107 Biology of Microbes
  - *Note: AP/IB credit cannot replace these organismal courses (but may count towards a lower level elective or as credit for MB131), see below*
2. **(1) BE208 Ecology**
3. **(1) MB131 Intro to Molecular and Cellular Biology**
  - An IB-HL score of 6-7 fulfills this requirement or may count as one lower-level elective credit; a Biology AP score of 5 does not fulfill this requirement but does count as one lower-level elective credit.



4. (1) **One unit in Population Genetics or Genetics:**

- **BE280** Population Genetics, *OR*
- **MB201** Lab in Molecular and Cellular Biology and Genetics

5. (3) **Threunits in Chemistry:**

- **CH107** General Chemistry I, *AND*
- **CH108** General Chemistry II, *AND*
- **CH250** Structures of Organic Molecules
- If you have Chemistry AP or IB credit on your transcript, you may obtain OBE credit by receiving a high score on your bypass exam for CH107. Ask the Chemistry Department to notify your OBE advisor about your score on the bypass exam.
- *Note: Graduate schools often require BOTH CH250 and CH251 Reactions of Organic Molecules.*

6. (2) **Twounits in Mathematics:**

- **Oneunit of calculus** from:
  - **MA126** Calculus I, *OR*
  - **MA127** Calculus I and II accelerated, *OR*
  - **MA129** Calculus II, *OR*
  - **AP or IB credit** recognized by the registrar in calculus
  - *Note: The Mathematics Department website has a flowchart to assist you in deciding on the most appropriate class for you (see “Mathematics,” “Resources,” “deciding on your first CC math class”).*
- **Oneunit of statistics or math modeling** from:
  - **BE220** Biostatistics and Experimental Design, *OR*
  - **MA256** Mathematical Models in Biology, *OR*
  - **MA117** Probability and Statistics, *OR*
  - **MA217** Probability and Statistical Modeling, *OR*
  - **EV228** Analysis of Environmental Data, *OR*
  - **AP or IB credit** recognized by the registrar in statistics
  - *Note: While the statistics/modeling requirement is fulfilled by AP credit in statistics, students with this AP credit will benefit from taking BE220.*

7. (5) **Fiveapproved OBE Electives:**

- *Of these 5, at least 3 must be upper level (300 or 400) and at least two of your upper level electives must be a BE course;*
- *One of these upper-level BE electives will be your **senior capstone course**: this requirement must be completed in the last two semesters prior to graduation. The following courses count as capstone:*
  - BE409 (if it meets the “Senior Capstone” requirements - ask the faculty member supervising your research);
  - BE499 Senior thesis;
  - BE308, BE365, BE366, BE367, BE370, BE390, BE410, BE412, BE415, BE421, BE475, BE332, BE440 (check with your advisor as options vary from year to year).
- *You may **ONLY** choose electives from the following:*
  - All BE courses (EXCEPT BE100), all MB courses (the FYE MB109 only counts as 1 elective) AN207, AN306, CH382, EV422, GY205, HK204, HK304, or HK321.
  - Up to TWO research blocks (BE309/BE409/BE499) may count as electives.
  - BE280 may count as an upper-level elective IF taken after MB201 or MB231.
  - AP/IB Biology credit may count as one unit of lower level elective credit (ask

your advisor).

- *Note: you may petition the department to consider other courses (such as new offerings) to count as electives.*

8. **Three Seminar abstracts:** attend three OBE-approved seminars as a junior/senior, summarize each in an abstract (see appendix III for example), and submit each abstract electronically to both Donna Sison and your advisor no later than the first Monday of the block following the seminar. Students must turn in at least their first abstract by the end of junior year.

## Courses

### Organismal Biology & Ecology

#### **BE100** Studies in Organismal Biology and Ecology

Presents students not majoring in organismal biology and ecology with inquiries into contemporary issues and phenomena in the biological sciences. Activities include lectures, readings, discussions, and laboratory or field experiences. May not be counted toward a OBE major. (May meet the laboratory/field requirement for critical perspectives.)

1 unit

#### **BE101** Biology and Chemistry of the Colorado Wetlands

(Summer only 2020-21).

.75 units

#### **BE105** Biology of Plants

The study of plants with an emphasis on the flowering plants. Relationships between form and function, growth and development and evolutionary and ecological relationships are examined with attention given to the chemical bases of plant life, the fundamentals of metabolic pathways, and the integrative nature of plant structures from cellular to ecological levels. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

*Prerequisite:* Strong high school Chemistry highly recommended.

1 unit — Heschel, Jabaily, Khorsand

#### **BE106** Biology of Animals

An introduction to the biology of invertebrate and vertebrate animals. Evolution and functional architecture of animal body plans, patterns of structure and function, survival strategies, principles of animal ecology and evolution, and phylogeny of animal groups examined through lab, discussion, and investigative activities. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

*Prerequisite:* Strong high school chemistry highly recommended.

1 unit — Gray, Linkhart

**BE107** Biology of Microbes

An introduction to the world of Bacteria, Archaea, microscopic Eukarya and viruses. Emphasizing the role of microbes as causal agents of major human disease (TB, AIDS, malaria); as essential components of the human microbiome; as critical elements in biogeochemical processes; and as tools in agriculture, industry and food production. Lecture, discussion, student presentations and laboratory projects. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

*Prerequisite:* Strong high school Chemistry highly recommended.

1 unit — Wilson

**BE202** Field Botany

A field course involving collection, identification, and preservation of vascular plants, emphasizing evolution, ecology and biogeography. Takes advantage of the major ecosystems of the Pikes Peak region. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

*Prerequisite:* Organismal Biology and Ecology 105.

1 unit — Jabaily

**BE208** Ecology

The analysis of distributions, abundances, and interrelationships of organisms. Populations, communities, and ecosystems are investigated, and implications for humans considered. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

*Prerequisite:* Chemistry & Biochemistry 107 and 1 unit from Organismal Biology and Ecology 105, 106, 107 Geology 130 or 140.

1 unit — Khorsand, Linkhart

**BE220** Biostatistics and Experimental Design

Emphasis on application rather than theory or derivation. Topics: measures of central tendency and variability, correlation, regression, t-tests, Chi-square, analysis of variance, selected non-parametric methods, statistical inference and experimental design. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

*Prerequisite:* At least 1 college organismal biology and ecology course or consent of instructor.

1 unit

**BE240** Special Topics in Organismal Biology and Ecology

Special topics in Organismal Biology and Ecology not offered on a regular basis.

1 unit — Jabaily

**BE244** Histotechnique

Students will acquire the basic knowledge necessary to prepare animal and plant tissues for examination by light microscopy. Theoretical aspects of fixation, paraffin embedding, sectioning techniques, and the art of staining will be emphasized. Interpretation of results will be facilitated through lecture/discussion sessions highlighting the basics of histology. (Not offered 2020-21).

*Prerequisite:* Organismal Biology and Ecology 105 or 106 recommended.

.5 to 1 unit

**BE249** Special Topics in Organismal Biology and Ecology

(Not offered 2020-21).

1 unit

**BE280** Population Genetics

Classical genetics as it applies to understanding the evolution of populations. This course examines the following topics: genetic issues of small and isolated populations, Hardy-Weinberg equilibrium, factors affecting allele frequencies, variance and F-statistics, molecular methods, and quantitative genetics. This course also includes discussions of contemporary issues in applied population genetics and laboratory investigations.

*Prerequisite:* Molecular Biology 131, Organismal Biology and Ecology 208, and Chemistry 108; or consent of instructor.

1 unit — Heschel

**BE302** Advanced Field Research Methods in Botany

This class will build upon the introductory field botany skills acquired in BE202 and BE208. Using local environments and field problems, the class will investigate local and regional issues of plant diversity, conservation, and biotic interactions. We will focus on expanding botanical skills in plant identification, vegetation assessment, and biodiversity documentation that are valuable for research, internships, and job applications, and employ these skills in the context of answering questions related to field-based botanical issues. The class will involve extensive field, laboratory, and herbarium work, as well as the development of an individual field-based research project. Local and regional field trips, some possibly overnight with camping. Students should be prepared for long hours under sometimes inclement weather conditions. (Not offered 2020-21).

*Prerequisite:* Organismal Biology and Ecology 105 & 106 and Organismal Biology and Ecology 208 or Environmental Program 209.

1 unit

**BE308** Advanced Ecology

Field studies and theoretical topics selected to illustrate the research process and ecological thought. Will include use of ecological literature.

*Prerequisite:* consent of instructor or Organismal Biology and Ecology 208.

1 unit — Khorsand

**BE309** Research Problems in Organismal Biology and Ecology

Independent research projects based on laboratory or field investigation. Experimental studies completed away from campus must receive prior departmental approval. (Class, laboratory or field activities arranged.) (Only 2 units from 309, 409 or 499 may count toward the OBE major.)

*Prerequisite:* consent of instructor & 2 from Organismal Biology and Ecology 105, 106, 107 or Molecular Biology 131 (total 3) & arranged 1 block ahead.

1 unit — Drummond, Gray, Heschel, Jabaily

**BE330** Parasitic Protozoa

The biology of parasitic protozoa in humans and other animals. Lecture, laboratory and readings will focus on host-parasite relations, life histories, morphology, and physiology of parasitic protozoa. (Not offered 2020-21).

*Prerequisite:* Organismal Biology and Ecology 106 or consent of instructor.

1 unit

**BE331** Parasitic Helminths

The biology of worms parasitic in humans and other animals. Lecture, laboratory and readings will focus on host-parasite relations, life histories, morphology, and physiology of parasitic helminths. (Not offered 2020-21).

*Prerequisite:* Organismal Biology and Ecology 106 or consent of instructor.

1 unit

**BE332** Animal Behavior

A comparative study of the diversities of behavioral systems of animals. Lecture, laboratory and field work include ethological theories and methods, emphasizing observation, denotation and analysis of behavior. (Not offered 2020-21).

*Prerequisite:* Organismal Biology and Ecology 208 and 106 or consent of instructor.

1 unit

**BE341** Special Topics in Organismal Biology and Ecology:

Special topics in Biology not offered on a regular basis.

.5 unit — Hathaway

**BE342** Special Topics in Organismal Biology and Ecology:

(Not offered 2020-21).

1 unit

**BE343** Special Topics in organismal Biology and Ecology

(Not offered 2020-21).

1 unit

**BE344** Scanning Electron Microscopy

Basic principles of electron optical systems, image formation, specimen preparation, and photography. Individual instruction in the care, use and operation of the instrument as a research tool is emphasized. in the natural sciences.

*Prerequisite:* Sophomore standing & prior course work in natural science.

1 unit — Hathaway

**BE345** Transmission Electron Microscopy

Basic principles of electron optical systems, image formation, specimen preparation, ultramicrotomy, and photography. Individual instruction in the care, use, and operation of the instrument as a research tool is emphasized. (Not offered 2020-21).

*Prerequisite:* Molecular Biology 131 or Sophomore Standing.

1 unit

**BE348** Special Topics in Organismal Biology and Ecology:

(Not offered 2020-21).

1 unit

**BE349** Special Topics in Organismal Biology and Ecology:

(Not offered 2020-21).

1 unit

**BE362** Plant Ecology

Descriptive and analytical studies of plant communities and populations. Field work includes sampling techniques and their application to answer specific research questions. Readings and discussions cover the various perspectives and theories of plant ecology.

*Prerequisite:* Organismal Biology and Ecology 208, BE 105.

1 unit

**BE365** Plant Physiology

Whole plant physiology with an emphasis on growth and development through examination of structure and function of cells and organs, metabolism, stress biology, and phytohormones. Includes discussions of primary literature in the discipline, a laboratory investigation and an emphasis on writing a scientific paper. (Not offered 2020-21).

*Prerequisite:* 1)BE 105;2)MB 131 and 3)Chemistry 250 or consent of instructor.

1 unit

### **BE366** Comparative Animal Physiology

A whole-animal perspective on survival and maintenance of homeostasis in variable and often stressful environments. We will focus on aspects of water balance, feeding, digestion, metabolism, respiration and circulation. Course includes field and laboratory investigations.

*Prerequisite:* Organismal Biology and Ecology 208 and Molecular Biology 131, and Organismal Biology and Ecology 106; or consent of instructor.

1 unit — Gray

### **BE367** Animal Ecology

A field course involving collection, identification, and population and life-history studies of animals of regional ecosystems. Principles of animal ecology, behavior, and biogeography, are emphasized through field case studies and discussion of primary literature. Field work includes sampling techniques and their application to answer specific research questions.

*Prerequisite:* Organismal Biology and Ecology 106, & Organismal Biology and Ecology 208.

1 unit

### **BE369** Tropical Ecology

Introduction to the ecology of tropical wet forests and coral reefs, with emphasis on the high biological diversity common to these ecosystems. The course is linked to BE 370 Tropical Forest and Coral Reef Ecology, and students must enroll in both courses. (Not offered 2020-21).

*Prerequisite:* Jr or Sr standing, Organismal Biology and Ecology 208 & enrollment in Organismal Biology and Ecology 370.

.5 unit

### **BE370** Tropical Forest and Coral Reef Ecology

Ecology of tropical wet forests and coral reefs taught at forest and reef sites in the tropics. Field studies, theoretical topics, and primary ecological literature will be used to explore interactions in these systems, with emphasis on selected organisms and system characteristics. The course is linked to cross-cultural experience with local people. The course is linked to BE 369 Tropical Ecology, and students must enroll in both courses. EXTRA EXPENSE.

*Prerequisite:* Jr or Sr standing, Organismal Biology and Ecology 208, 369 & good swimming ability. EXTRA EXPENSE.

1 unit

### **BE375** Environmental Microbiology

Study of the ecology of microbes in environments as diverse as deep-ocean volcanic vents; termite hind guts; the lithosphere; the human guts; plant roots; ice of the Arctic and Antarctic; and terrestrial models of extra-terrestrial environments. Emphasis on discussion of primary literature in environmental microbiology and microbial ecology. Significant laboratory component and minor field component. (Not offered 2020-21).

*Prerequisite:* Organismal Biology and Ecology 107, , Molecular Biology 131, Molecular Biology 231 and Chemistry 108; or consent of instructor.

1 unit

### **BE389** Patagonian Ecology and Biogeography

Introduction to the ecology and biogeography of Patagonia, including montane, steppe and coastal ecosystems. The course is linked to BE 390 Ecology and Biogeography of Patagonia, and students must enroll in both courses. (Not offered 2020-21).

*Prerequisite:* Junior or Senior standing. Organismal Biology and Ecology 208 and enrollment in Organismal Biology and Ecology 390.

.5 unit

### **BE390** Ecology and Biogeography of Patagonia

On-site investigations of the ecology and biogeography of Andean mountain forests and Patagonian steppe and studies of the ecology of several marine vertebrate species at the Atlantic coast. Students will read and present original literature, meet with local scientists at their study sites, and develop hypotheses that could be tested in the ecosystems we visit. (Not offered 2020-21).

*Prerequisite:* Junior or Senior standing, Organismal Biology and Ecology 208, Organismal Biology and Ecology 389 (half-block), and consent of instructor. (taught in Patagonia) Extra Expense.

1 to 2 units

### **BE409** Research Problems in Organismal Biology and Ecology:

Independent research projects based on laboratory or field investigation., consent of instructor, and registration at least one block prior to the block in which the research is to be initiated. Experimental studies completed away from campus must receive prior departmental approval. (Class, laboratory or field activities arranged.) (Only 2 units from 309, 403, 409 or 499 may count toward the Organismal Biology and Ecology major.)

*Prerequisite:* consent of instructor & 2 from 105, 106, 107, Molecular Biology 131 (total 3) & arranged 1 block ahead.



1 unit — Drummond, Gray, Heschel, Jabaily

**BE410** Ornithology

Identification, taxonomy, anatomy, physiology, behavior and ecology of birds, including field and laboratory work.

*Prerequisite:* consent of instructor or Organismal Biology and Ecology 367.

1 unit — Linkhart

**BE412** Entomology

Evolution, taxonomy, structure, physiology, development, behavior and ecology of insects. Laboratory includes identification, dissection, experimentation, curation and field work.

*Prerequisite:* Organismal Biology and Ecology 106, and Organismal Biology and Ecology 208 or consent of instructor.

1 unit

**BE415** Seminar in Evolutionary Biology

A capstone course primarily for upper level organismal biology and ecology students. We will examine and critique classical concepts of evolutionary theory and their modern extensions through reading scientific literature and by drawing upon students' previous knowledge and experience in diverse fields of biology. (Not offered 2020-21).

*Prerequisite:* 2 units from Organismal Biology and Ecology 105, 106, 107, and 1 unit from Molecular Biology 231, Organismal Biology and Ecology 280.

1 unit

**BE421** Conservation Biology

Conservation issues of plant and animal species, habitats, and ecological systems will be examined through reading, discussion, and project-based exploration of local, national, and global examples. Core components of conservation biology theory such as habitat fragmentation, problems of small populations, rarity, genetic erosion, reserve design, and invasive species will be emphasized in the context of the local environment. (Not offered 2020-21).

*Prerequisite:* Organismal Biology and Ecology 105, 208, Organismal Biology and Ecology 106, and Molecular Biology 131.

1 unit

**BE422** Biogeochemistry and Ecosystem Ecology

This course explores links between the biosphere, geosphere, atmosphere, and hydrosphere across many different scales, from the microorganism to the globe. The primary focus will be on the cycling of biologically important elements in natural and managed ecosystems with an emphasis on how these cycles will change under increased human influence. Students will gain hands-on research experience using analytical techniques in the field and

the laboratory, and they will share their results in a formal scientific paper and presentation.  
(Not offered 2020-21).

*Prerequisite:* (BE/EV 209) & (Environmental Program 155 or Geology 130 or 140) & (Mathematics 117 or Organismal Biology and Ecology 220 or Economics 200) or consent of instructor.

1 unit

**BE440** Special Topics in Organismal Biology and Ecology:

Special Topics in Organismal Biology and Ecology. Special topics in Organismal Biology and Ecology not offered on a regular basis.

*Prerequisite:* consent of instructor & Junior or Senior standing.

1 unit — Fish, Gray, Jabaily

**BE442** Special Topics in organismal Biology and Ecology:

(Not offered 2020-21).

*Prerequisite:* consent of instructor.

1 unit

**BE443** Special Topics in Organismal Biology and Ecology:

(Not offered 2020-21).

*Prerequisite:* Organismal Biology and Ecology 208.

1 unit

**BE446** Special Topics in Organismal Biology and Ecology:

(Not offered 2020-21).

*Prerequisite:* consent of instructor.

1 unit

**BE447** Special Topics in Organismal Biology:

(Not offered 2020-21).

*Prerequisite:* consent of instructor.

1 unit

**BE475** Techniques in Molecular Ecology and Systematics

A course on the techniques employed in molecular ecology and molecular systematics, such as DNA fingerprinting, DNA sequencing, phylogenetics and 'DNA barcoding.' The class

will discuss primary literature in the areas of ecology, systematics, conservation biology and biodiversity, with an emphasis on the appropriate application of molecular techniques in these disciplines and on the interpretation of molecular data. Laboratory projects will involve DNA sequencing and phylogenetics.

*Prerequisite:* Organismal Biology and Ecology 208 and either Organismal Biology and Ecology 280 or Molecular Biology 231 or consent of instructor.

1 unit — Wilson

### **BE499** Senior Thesis

Writing of the senior thesis based on data from an undergraduate research project. The thesis topic is to be chosen by the student following consultation with a member of the Biology Department faculty who agrees to serve as the project and thesis advisor. (Only 2 units from 309, 403, 409 may count toward the Organismal Biology and Ecology major; only 1 unit of 499 may count toward the major.)

1 unit — Gray, Wilson

## Philosophy

*Applicable for the 2020-2021 academic year.*

**Philosophy Website** (<http://www.coloradocollege.edu/academics/dept/philosophy/>)

Professors HOURDEQUIN, J. LEE, RIKER; Associate Professors DALY (chair), FURTAK, HERNANDEZ-LEMUS, McENNERNEY

The Department of Philosophy at Colorado College embraces diversity in philosophical inquiry, emphasizing historical, contemporary, comparative, and critical approaches in an effort to make available to students the breadth and richness of philosophical thinking.

### Major Requirements

The philosophy major requires a **minimum of 12 units**, balancing work in major philosophical traditions, contemporary concerns, and diverse perspectives. Majors with emphases allow students to gain advanced expertise in one of the subfields or areas of interest in philosophy. The Department of Philosophy recommends that students declare the major by the end of their sophomore year.

**1. History of Philosophy (4 units)** These courses investigate central issues and concerns emerging in important historical periods and locales, tracing how those concerns change over time. Choose one of these three options:

#### OPTION 1

- PH101: Greek Philosophy or PH244: History of Social and Political Philosophy: Classical Visions
- PH201: History of Modern European Philosophy (2 units)
- One additional unit in the history of philosophy.

**OPTION 2**

- PH210: Ancient through Early Modern Western Philosophy (2 units)
- Two additional units in the history of philosophy.

**OPTION 3**

- PH244: History of Social and Political Philosophy: Classical Visions
- PH245: History of Social and Political Philosophy: Modern Debates
- Two additional units in the history of philosophy.

Courses in the history of philosophy include: PH101, PH116, PH201, PH204, PH210, PH244, PH245, PH260, PH281, PH283, PH301, and PH302. Topics courses (PH203, PH303) and text seminars (PH314) will also count as history of philosophy courses when appropriate.

**2. Central Areas and Problems in Philosophy (3 units)** Courses in central areas and problems familiarize students with key subfields of philosophy, and with the questions, approaches, and theoretical perspectives that define those subfields.

This requirement is fulfilled when a student has taken at least one course listed in each of the three categories below:

- **Logic and Argument** (1 unit): PH122: Philosophical Argument and Writing or PH226: Formal Logic.
- **Metaphysics and Epistemology** (1 unit): PH227: Epistemology, PH228: Philosophy of Science, PH229: Philosophy of Language, PH261: Philosophy of Mind, or PH321: Metaphysics.
- **Value Theory** (1 unit): PH140: Ethics, PH243: Philosophy & Politics of Identity, PH247: Aesthetics, or PH341: Contemporary Political Philosophy.

**3. Diversity in Philosophy (2 units)** Diverse perspectives in philosophy weave through the curriculum; however, all students are required to take two courses with an explicit focus on diverse traditions in philosophy, which represent critical dimensions of philosophical thought, including ones that may call both traditional canons and aspects of contemporary academic philosophy into question.

- **This requirement is fulfilled when a student has taken at least two courses from this list:** PH243: Philosophy & Politics of Identity, PH280: Philosophy East and West, PH281: Indian Philosophy, PH282: Africana Philosophy, PH283: Latin American Philosophy, PH284: Feminist Philosophies, PH284: Philosophy and Race. Appropriate topics courses also may fulfill the diversity in philosophy requirement with prior departmental approval. Note that diversity in philosophy courses may fulfill more than one requirement. For example, PH281 may be used as both a history unit and as a diversity unit, and PH243 may be used as both a value theory unit and as a diversity unit.

**4. Capstone in Philosophy (3 units)** These courses provide further depth and a capstone experience in the major.

- All three of the following courses are required: PH452: Junior Seminar, PH475: Senior Essay, and PH476: Senior Seminar.

**5. Electives:** Philosophy majors must successfully complete at least 12 units in philosophy.

Students who fulfill all other requirements with fewer than 12 units may take any additional philosophy classes of their choosing in order to complete the major.

**6. Advanced Study:** At least one course other than the Capstone in Philosophy requirements must be at the 300 level.

**Optional Emphasis in Philosophy:** Students who seek an emphasis in philosophy may complete the major with an emphasis in one of the following six philosophical areas.

- History of Philosophy
- Comparative Philosophy
- Ethics and Social Justice
- Philosophical Psychology
- Philosophy, Science, and Technology
- Metaphysics and Epistemology

To obtain the designation of an emphasis, a student must take an additional two units of philosophy in the area chosen (for a total of 14 units in philosophy, rather than 12) and also complete the senior essay in that area. An emphasis must be formally declared before the end of the student's junior year. A coherent and appropriate set of courses in the area of emphasis will be planned in consultation with the student's advisor and subject to departmental approval.

## Minor Requirements

Students minoring in philosophy must satisfactorily complete six units in philosophy, including PH201 (2 units), **or** PH210 (2 units), **or** both PH244 and PH245; and also including at least one unit of advanced work at the 300- or 400- level.

## Courses

### Philosophy

#### **PH101** Greek Philosophy

An examination of the origins of Western philosophy as it arose in ancient Greece. The course begins with the Pre-Socratic philosophers, centers on the philosophies of Plato and Aristotle, and closes with the important Hellenistic traditions of Stoicism, Skepticism, Epicureanism, Cynicism, and Neoplatonism.

1 unit — Furtak

#### **PH113** Brothers Karamazov

(Not offered 2020-21).

.5 unit

#### **PH116** Greek History and Philosophy: Origins of Western Culture

Aegean and Greek archaeological, historical, literary and philosophical texts, with emphasis on ideas formative of Western culture. The development and transformations of these ideas as reflected in selected texts from the early Christian era, the Enlightenment, and the

Modern Age. We concentrate on concepts of what it means to be human, and the relation of individuals to community, nature, and the divine in such authors as Homer, Sophocles, Aeschylus, Euripides, Plato, Aristotle, Augustine, Dante, Descartes, Goethe, Nietzsche, and Heidegger (Also listed as History 116 and Philosophy 116.) (Not offered 2020-21).

2 units

**PH118** Order and Chaos in Art: The Juncture of Ethics and Aesthetic

(Summer only 2020-21).

2 units

**PH121** The Problems of Philosophy

(Summer only 2020-21).

1 unit

**PH122** Philosophical Argument and Writing (with Emp on Writing)

An introduction to critical thinking and conceptual argument, this course will cover basic principles of logic as they pertain to philosophical writing and thinking. Students will master essential skills for reading and evaluating arguments, engage with a variety of methods and styles of philosophical inquiry, and learn techniques of composition that enhance the clarity and elegance of their written work.

1 unit — Daly

**PH140** Ethics

An exploration of the questions of what constitutes a good human life, what it means to be a moral human being, and whether reasoning about ethical and moral values can be objective. Texts may include works by Plato, Aristotle, Kant, and Nietzsche, among others.

1 unit — Riker

**PH141** Philosophy & Literature

Through a study of the literary style of certain philosophical texts and the philosophical significance of selected literary works of art, this course will study the comparative ability of different modes of writing to address traditional philosophical questions and to illuminate particular features of human experience. (Not offered 2020-21).

1 unit

**PH201** History of Modern European Philosophy

A study of the development of European philosophical 'modernity' and of the 'modern' concept of the subject or self. While the course focuses on major ethical, epistemological, and metaphysical developments from the beginning of the 17th century to the end of the 19th century, it begins by situating these issues in the history of medieval philosophy. Philosophers covered may include Augustine, Thomas Aquinas, Descartes, Spinoza, Hume, Kant, Hegel, Marx, Kierkegaard, Mill, and Nietzsche, among others. (Not offered 2020-21).

1 to 2 units

**PH203** Topics in Philosophy:

Experimental and occasional courses taught by either visiting professors or permanent staff. Courses offered under this rubric will vary from year to year.

1 unit — Dobson, Hernandez-Lemus, Hourdequin, LaPrade

**PH204** American Philosophy

An exploration of the philosophical thought of American philosophers, focusing on those associated with transcendentalism and pragmatism, with an emphasis on their conceptions of nature, the construction of truth, and their theories of individualism. Thinkers to be read can include Emerson, Thoreau, Pierce, James, Dewey, Whitehead, Mead, Santayana, Rorty, and Cavell.

1 unit — Riker

**PH205** French Philosophy in Context: 1930 to the Present

An exploration of the development of French philosophy from the interwar period to the present. Using the city of Paris as its context, the course examines how dramatic social and political challenges influenced the paths of French philosophical reflection, moving thinkers to question the foundations of knowledge, morals, and politics, leading ultimately to what might be called a “decentered” cosmopolitanism. Taught in Paris. (Not offered 2020-21).

1 unit

**PH207** Philosophical Topics:

A thematically or historically organized course dealing with a single topic or set of related topics in philosophy, to be taught as an extended format course over one semester or part of a semester. Topics will vary from year to year. .25 unit (Not offered 2020-21).

.25 unit

**PH208** Philosophical Topics:

A thematically or historically organized course dealing with a single topic or set of related topics in philosophy, to be taught either during half-block or as a one-semester extended format course. Topics will vary from year to year.

.5 unit — Hernandez-Lemus

**PH210** Ancient to Early Modern Western Philosophy.

Surveys the development of philosophy from its beginnings in classical Greece through the early modern period in Europe, culminating in Kant’s philosophical revolution. This two-block course introduces major figures in the history of Western philosophy, selected areas of philosophical inquiry, and central questions that remain pertinent today. The course may incorporate some amount of non-Western thought, to provide comparative perspectives. (Not offered 2020-21).

2 units

**PH226** Formal Logic

An introduction to the formal language of first-order logic, including the rules of syntax and semantics for sentential and predicate calculus, with a special emphasis on modes of quantification. Meets the Critical Perspectives: Quantitative Reasoning requirement.

1 unit — Daly

**PH227** Epistemology

In this course we will engage in a critical examination of problems concerning knowledge and belief: how beliefs are acquired and justified, the possible limits to knowledge, and the interplay between reason and experience. Readings will be from historical and contemporary sources. (Not offered 2020-21).

*Prerequisite:* 1 unit in philosophy or sophomore standing.

1 unit

**PH228** Philosophy of Science

This course investigates basic concepts, assumptions, structures, and methods of science, and confronts philosophical ideas about the significance, justification, and production of science. In this course we will examine some historical and contemporary case studies of scientific controversy to illustrate competing views about the nature of science.

1 unit — Hourdequin

**PH229** Philosophy of Language

A study of the nature, origins, and significance of language. Discussion of various theories from such thinkers as Cassirer, Piaget, Quine, Wittgenstein, Whorf, Heidegger, Austin, Chomsky and Merleau-Ponty. regarding language's relation to thought, reality, culture, formal systems and non-verbal systems of communication.

1 unit — Daly

**PH243** Philosophy and Politics of Identity

Considers the meanings, problems, and possibilities of contemporary identity politics. Explores different approaches toward identity and politics, including liberal, existential, and traditionalist understandings. Traces the emergence of a new kind of identity politics out of racial, feminist, and queer movements of the late twentieth and early twenty-first centuries. Assesses contemporary discussions of identity and politics, in relation to both the history of Western thought and contemporary multicultural societies. Authors discussed may include Locke, Sartre, MacIntyre, Fanon, Young, Taylor, Butler, Elshtein, Appiah, and Nicholson. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — McEnerney

**PH244** History of Social and Political Philosophy: Classical Visions



Explores major works of classical idealist philosophy, considered in contexts of Greek, Roman, Biblical, and medieval political orders. Addresses the tensions between philosophical visions of the good and democratic or republican politics. Texts discussed may include works by Plato, Aristotle, Cicero, Augustine, or Pizan, as well as Biblical sources.

1 unit — McEnnerney

**PH245** History of Social and Political Philosophy: Modern Debates

Investigates leading modern and contemporary political philosophers, considering contrasts and continuities between classical idealism and modern pragmatism as well as the evolution of modern states and societies. Addresses the questions of whether the contemporary era is best understood as one of moral and intellectual decline, as some insist, or as one of democratic promise as others argue. Philosophers discussed may include Hobbes, Locke, Rousseau, Bentham, Marx, J.S. Mill, Nietzsche, Bloom, Arendt, and Rorty.

1 unit

**PH246** Environmental Ethics

An analysis of human attitudes toward the rest of the natural world and of the ways in which our beliefs and values influence our relation to the environment. The course will focus on the challenge of finding conceptual resources adequate to the creation of a sustainable way of life and on the difficulty of transforming habits of mind which contribute to the current ecological crisis.

1 unit — Hourdequin

**PH247** Aesthetics

This course deals with the creation and appreciation of works of the imagination, including such questions as: what is art?, how are we to evaluate works of art?, and how does art enrich our lives?

1 unit — Hernandez-Lemus

**PH248** Contesting Climate Justice

An examination of multiple conceptions of fairness, equity, and justice in relation to climate change, and how calls for justice and fairness are used both to reinforce and to challenge existing power relations, within and among nations. Prerequisites: None. 1 unit. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Hourdequin

**PH249** Philosophy of Education

What does education mean and what are its purposes and values? Topics examined: education vs. schooling; education for critical consciousness vs. conservation of values; training vs. the search for wisdom; how can students learn to educate themselves, and how can schools, administrators and teachers aid in education? (Not offered 2020-21).

1 unit

**PH260** Existential Philosophy

A study of several thinkers in the existential tradition, which has its origin in the 19th century writings of Kierkegaard and Nietzsche and includes such 20th century authors as Heidegger and Camus, among others. Issues to be covered include freedom, authenticity, meaning, the absurd, the predicament of the contingent individual, and the aims of philosophy itself. (Not offered 2020-21).

1 unit

**PH261** Philosophy of Mind

An examination of different ways of understanding the mind, beginning with classic arguments for dualism and materialism and moving on to contemporary views which seek to avoid either separating mind and body or reducing one to the other. Consideration of various functions of the embodied mind and of the difference between mental and physical concepts. 1 unit - Furtak (Not offered 2020-21).

1 unit

**PH262** Discovering the Unconscious

Major psychoanalytic perspectives of the late 19th and 20th centuries on the concept of the unconscious in theory, case studies, and fiction. Emphasis on unconscious processes as they relate to the formation of identity. Readings from such authors as Freud, Jung, Klein, Winnicott, Kohut, and Yalom.

1 unit — Dobson

**PH263** Contemporary Psychoanalysis: Theory and Practice

An introductory study of Freud and Kohut and the transformation of their theories in contemporary psychoanalysis. Students will read the works of and meet with distinguished psychoanalysts who will present new approaches to understanding psychoanalytic theory and therapeutic action. We will also explore how psychoanalysis can be used in the interpretation of culture, especially art and theater. 1 unit. Taught in part in Chicago at the Chicago Psychoanalytic Institute.

1 unit — Dobson, Riker

**PH265** Sigmund Freud

An exploration of the work of Sigmund Freud designed to introduce the wide-ranging scope and the dramatic evolution of his thought. Beginning with his collaboration with Josef Breuer in *Studies on Hysteria* (1895), the course continues with a careful examination of Freud's approach to dream interpretation, his account of psychosexual development, and his nuanced theory of unconscious processes. On the basis of this review of classical psychoanalytic theory, the course then delves into Freud's controversial but influential use of psychoanalysis as a tool for cultural criticism, while also turning to Freud's continual revision of his fundamental theoretical models during the 1920s and 1930s. (Not offered 2020-21).

1 unit

**PH280** Philosophy East and West

This course explores central issues in philosophy from a cross-cultural, comparative perspective, focusing on Asia and the West. Drawing on classical and contemporary texts, the course covers topics such as ethics, metaphysics, and conceptions of the self from a comparative point of view. The challenge of comparing concepts and traditions across cultures is discussed. Course readings may include classical Confucian, Daoist, or Buddhist writings, as well as historical and contemporary selections in Western philosophy. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**PH281** Indian Philosophy

The development of Indian philosophy from its roots in the Vedic tradition of Hinduism. The focus of the course will be both on the ethical, epistemological, and metaphysical systems that grew out of the Hindu tradition and on the challenges to this tradition posed by Buddhism and by 20th century developments. (Meets the Diverse Cultures and Critiques requirement.) (Also listed as Asian Studies 220) 1 unit - Lee Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Lee

**PH282** Africana Philosophy

An exploration of themes in African, Caribbean, and North American thought, this course looks closely at ways in which philosophers of the African diaspora have responded to colonialism, the process of decolonization, and the postcolonial situation. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Lee, Sawyer

**PH283** Latin-American Philosophy

A survey of philosophical writings by Latin-American authors in the social and historical context of the region. Texts studied include Indigenous philosophies of the pre-Hispanic tradition, as well as those of the colonial and postcolonial periods. Particular attention will be devoted to issues that are central to this philosophical tradition, such as identity, consciousness through education, and philosophies of liberation. Our readings draw from Aztec or Maya sources, as well as from Leon-Portilla, Vasconcelos, Paz, Freire, Gutierrez, Dussel. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Hernandez-Lemus

**PH284** Feminist Philosophies

An exploration of the many 'feminisms' which pattern the rich and expanding field of feminist theory. Focus will be on feminism's intersection with many of the important theoretical movements of the 20th century, e.g., American Pragmatism, French philosophies, Marxism, Postmodernism, with special emphasis on Post Colonialism, psychoanalysis, Black, Lesbian, and Gay Studies, etc. Possible theorists are: Butler, Kristeva, Irigaray,

Lorde, Hooks, Wittig, de Lauretis, Belsey, Minh-ha. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**PH285** Philosophy & Race

Race is a social construct that invites a number of philosophical questions, such as those of identity, inter-subjectivity, justice, rationality, and culturally different ways of knowing. The course will examine, among others, philosophical reflections on race by the following thinkers: Douglass, West, Fanon, Vasconcelos, Appiah, Bernsacconi, Outlaw, Levinas, Mendieta. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Hernandez-Lemus

**PH301** 20th Century Analytic Philosophy

History of 20th Century Analytic Philosophy. A study of the Anglo-American tradition that involves careful attention to logic, language, and analysis of concepts. Philosophers covered include Frege, Russell, Wittgenstein, Ayer, Carnap, Austin, Quine, and Davidson. (Not offered 2020-21).

*Prerequisite:* Philosophy 201.

1 unit

**PH302** History of 20th Century Continental Philosophy

A study of the existential, phenomenological, hermeneutic, and postmodern traditions that arise in the 20th century in Germany and France. Philosophers covered may include, among others, Husserl, Heidegger, Sartre, de Beauvoir, Arendt, Foucault, Deleuze, Derrida, and Steyerl.

*Prerequisite:* Two units in Philosophy.

1 unit — Lee

**PH303** Advanced Topics in Philosophy:

In depth study of an important period, idea, text or philosopher. Courses offered under this rubric will vary from year to year.

1 unit — Furtak

**PH314** Text Seminar:

A study of one or more major texts by a single important philosopher. Possible texts for study might include, among others: Plato, Republic; Aristotle, Metaphysics; Descartes, Meditations on First Philosophy and The Passions of the Soul; Spinoza, Ethics; Hume, A Treatise of Human Nature; Kant, Critique of Pure Reason; Heidegger, Being and Time; Wittgenstein, Philosophical Investigations. (Not offered 2020-21).

*Prerequisite:* 2 units in philosophy.

1 unit

**PH321** Metaphysics

An exploration of the traditional questions of metaphysics, such as those concerning the existence and nature of God, the nature of Being, realism and idealism, identity, causation, freedom and determinism, and the relation of mind and body. Readings from traditional and contemporary philosophers.

*Prerequisite:* 2 units in philosophy.

1 unit — Lee

**PH340** Ethics & Contemporary Life

A probing into the question of what it means to live a good human life in a contemporary world dominated by capitalism, abstract individualism, and psychic and social fragmentation. Readings from contemporary philosophy, psychoanalytic theory, and social theory. (Not offered 2020-21).

1 unit

**PH341** Contemporary Political Philosophy

Examines works of influential recent or contemporary political philosophers, with a focus on debates raised initially by the works of prominent liberal theorist John Rawls. The concepts or topics discussed reflect concerns central to contemporary political philosophy: justice and liberalism, discourse and the public, equality and law, representation and diversity, sovereignty, and human rights, and capabilities and globalization. In addition to Rawls, authors discussed may include Dworkin, Habermas, Sandel, Young, and Sen. (Not offered 2020-21).

*Prerequisite:* 1 unit in philosophy, sophomore standing, or consent of instructor.

1 unit

**PH342** Critical Theory

Investigates the radical interdisciplinary social philosophy that German scholars hostile to fascism developed by combining Marxist philosophy with Freudian psychoanalysis, in an effort to understand the promise and dangers of mass societies. The course addresses both the origins of critical theory and the more contemporary modernist and postmodernist variants. Authors discussed may include Horkheimer, Adorno, Marcuse, Althusser, Habermas, Foucault, Lyotard, Castoriadis, Fraser, and Honneth.

*Prerequisite:* 1 unit in philosophy, sophomore standing, or consent of instructor.

1 unit — McEnnerney

**PH360** Philosophy & Psychoanalysis

An exploration of what the discovery of unconscious mental functioning means in relation to philosophical problems in ethics, philosophical psychology, social theory, and theory of

meaning. The course is grounded in the work of Freud and may include such post-Freudians as Lacan, Cixous, Winnicott, Klein, and Kohut.

*Prerequisite:* 2 units in philosophy.

1 unit — Riker

### **PH361** Philosophy of Emotions

Explores a range of theoretical attempts to explain the emotions and their place in human life. Emotions such as fear, anxiety, hope, love, and regret will be studied both for their own sake and as sources of insight into the nature of meaningful experience. Attention will be paid to the distinction between momentary passions and abiding affective dispositions, and to such questions as how emotions might be justified and what sort of cognition they involve.

*Prerequisite:* 2 units in philosophy or consent of instructor.

1 unit — Furtak

### **PH425** History-Philosophy Thesis

An interdisciplinary, primary-source based thesis on a subject of interest to the student and supervised by two faculty supervisors, one in Philosophy and one in History. Independent study format with regular consultation between the student and faculty supervisors.

*Prerequisite:* Consent of both faculty supervisors and registration in History 425 in the same academic year. Both courses must be completed at some point during blocks 1-6 or the senior year.

1 unit — Lee

### **PH452** Junior Seminar

An examination of the work of a living philosopher, especially as this contemporary work relates to broader traditions and themes in philosophy. When possible, the philosopher in question will participate in the seminar.

*Prerequisite:* Philosophy 101 or Philosophy 244 and a declared major in philosophy.

1 unit — Riker

### **PH453** Independent Readings:

Independent study for advanced students who wish to do work supplementary to that offered in the Catalog.

.5 to 1 unit

### **PH454** Independent Study:

Independent study for advanced students who wish to do work supplementary to that offered in the Catalog.

1 unit

**PH456** Senior Colloquium

Year-long, extended format seminar centering on the work of the philosophy department's colloquium speakers and on the practice of philosophical discourse. In advance of colloquium lectures, students read relevant background papers and engage in seminar discussions. Students also attend all colloquia, interact with speakers during their visits, and write response papers following colloquium talks. Course emphasizes critical engagement with contemporary philosophical research.

*Prerequisite:* Philosophy Majors with senior standing. Pass/Fail Only.

1 unit

**PH475** Senior Essay

An intensive individual exploration of how a particular philosopher inquires into a particular philosophical problem. Leads to the production of a senior essay. Must be taken prior to Senior Seminar (blocks 105). Arranged by the student and the department. Limited to senior philosophy majors.

*Prerequisite:* Senior majors only.

1 unit — Daly, Hourdequin, Lee, Riker

**PH476** Senior Seminar

Revision and presentation of senior essays. Students complete final drafts of their essays, respond to others' essays, and develop oral presentations contextualizing their essays in relation to the history of Western philosophy and comparative/critical philosophical perspectives. Pass/Fail Only.

*Prerequisite:* Philosophy 475. Pass/Fail Only.

1 unit — Hourdequin

## Physics

*Applicable for the 2020-2021 academic year.*

**Physics Website** (<http://www.coloradocollege.edu/academics/dept/physics/>)

Professors BURNS (chair); Associate Professors CERVANTES, LANG, PURDUE; Adjunct Associate Professor DICENZO; Assistant Professors GOSNELL, LIGHT; Visiting Instructors BROWN, SCHUMER

The Department of Physics offers both major and minor programs. The core physics major consists of only nine physics courses and their math prerequisites. This allows the flexibility to adapt the core physics curriculum to a student's specific career goals. In addition we offer numerous tracks within the major (called emphases) which are focused on specific interests and career goals. Emphases for the physics major include:

- Liberal Arts (= core physics major)
- Comprehensive
- Astrophysics
- Environmental Physics
- Geophysics
- Chemical/Materials Science
- Education
- Computational Physics

For students intending to pursue physics professionally, the Comprehensive Emphasis is strongly recommended.

### **Additional emphasis information**

In addition, the college partners with several engineering schools to offer a 3-2 or 4-2 engineering degree. In this program, students spend three or four years at CC, completing a major (in physics or some other subject), and two years at the partner school. They receive two undergraduate degrees, a BA from CC and an engineering degree from the partner school.

### **Pre-engineering options**

**If you are considering a major in physics, it is important that you take both PC 241 and 242 during your freshman year. This will prevent serious scheduling conflicts during subsequent years.**

## **Major Requirements**

Physics Major Requirements:

PC241: Physics for the Physical Sciences I: Mechanics

PC242: Physics for the Physical Sciences II: Electricity & Magnetism

PC251: Introductory Modern Physics

PC261: Electronics I

PC361: Techniques of Experimental Physics *or* PC 362 Observational Astronomy

PC450: Senior Seminar

MA126: Calculus 1

MA129: Calculus 2

MA204: Calculus 3

**AND**

Three units of physics numbered 262 or above, along with any prerequisites

**All first-year students who intend to major in physics should take Introductory Classical Physics I and II (PC241 and PC242) during their first year.** Our department web page contains a **guide** to choosing a first physics course for those who have taken AP or IB physics in high school.

One block of Investigations in Physics may be included and is recommended but Readings in Physics may not. In addition, all majors must actively participate in the departmental colloquium program. Additional advanced courses in physics and mathematics are strongly recommended, especially for those who intend to pursue a career in physics, astrophysics, or applied science. Click **here** for course descriptions.



**Sample Course Track** for students starting in their first year

**Sample Course Track** for students starting in their second year

## Emphases

There are a wide variety of opportunities available to students after graduating from Colorado College. There are several course emphases available to provide guidance in preparing for your future. An emphasis is a collection of courses designed to help you specialize in a particular field of study. These emphases are only guides to help you select courses, and there is no formal application or obligation to finish an emphasis. Successfully completing the core requirements for the physics major is equivalent to completing a physics degree with the liberal arts emphasis. Successful completion of an emphasis will be noted on your transcript.

### **Summary of emphasis requirements**

The available emphases are:

**Liberal Arts - Comprehensive - Astrophysics - Environmental - Geophysics - Chemical/Materials Science - Education - Computational**

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### **Liberal Arts Physics Major**

This emphasis is designed to cover core requirements for the physics major while leaving time for a broad liberal arts education. This is the default track and it is appropriate for any student interested in physics as well as those following pre-med or education-based tracks. This track is also good for students who are interested in double majoring.

PC241: Physics for the Physical Sciences I: Mechanics

PC242: Physics for the Physical Sciences II: Electricity & Magnetism

PC251: Introductory Modern Physics

PC261: Electronics I

PC361: Techniques of Experimental Physics *or* PC362: Observational Astronomy

PC450: Senior Seminar

MA126: Calculus 1

MA129: Calculus 2

MA204: Calculus 3

**AND**

Three units of physics numbered 262 or above, along with any prerequisites

### **Comprehensive Major**

This emphasis is for students interested in pursuing graduate school in physics or a related field. A broad coverage of major topics of physics is represented, preparing you for graduate school in any field of physics. This emphasis is very comprehensive and includes nearly every available physics course offered at CC.

PC241: Physics for the Physical Sciences I: Mechanics  
 PC242: Physics for the Physical Sciences II: Electricity & Magnetism  
 PC251: Introductory Modern Physics  
 PC261: Electronics I  
 One physics elective numbered PC262 or higher  
 PC311: Vector Analysis  
 PC341: Mechanics  
 PC349: Thermal Physics  
 PC353: Electromagnetic Theory  
 PC361: Techniques of Experimental Physics *or* PC362: Observational Astronomy  
 PC441: Quantum Mechanics I  
 PC450: Senior Seminar  
 MA126: Calculus 1  
 MA129: Calculus 2  
 MA204: Calculus 3  
 MA220: Linear Algebra

Recommendations:

CP122: Computer Science I  
 PC253: Computational Physics (*adjunct, .5 units*)  
 PC354: Electromagnetic Waves and Optics  
 PC420: Advanced Topics in Physics  
 PC442: Quantum Mechanics II

### **Astrophysics Emphasis**

This is designed for physics majors who are interested in astronomy and astrophysics. Although this emphasis provides a good preparation for graduate work in astronomy and astrophysics, it is also a good choice for those interested in a liberal arts education with a strong background in the physical sciences.

PC241: Physics for the Physical Sciences I: Mechanics  
 PC242: Physics for the Physical Sciences II: Electricity & Magnetism  
 PC251: Introductory Modern Physics  
 PC261: Electronics I  
 PC311: Vector Analysis  
 PC341: Mechanics  
 PC349: Thermal Physics  
 PC357: Astrophysics  
 PC358: Extragalactic Astronomy and Cosmology  
 PC362: Observational Astronomy  
 PC441: Quantum Mechanics I  
 PC450: Senior Seminar  
 MA126: Calculus 1  
 MA129: Calculus 2  
 MA204: Calculus 3  
 MA220: Linear Algebra

Recommendations:

PC253: Computational Physics (*adjunct, .5 units*)  
 PC353: Electromagnetic Theory  
 PC354: Electromagnetic Waves and Optics  
 PC420: Advanced Topics in Physics  
 PC442: Quantum Mechanics II

### **Interdisciplinary Emphases:**

The following emphases are interdisciplinary and consist of the liberal arts physics major (the core requirements to complete a physics major) and a minor in another department. It is recommended that students planning on completing one of these emphases consult an adviser in both departments.

### **Environmental Physics Emphasis**

Students who are interested in applying physics to environmental issues should consider this major.

EV128: Introduction to Global Climate Change  
 EV145: Environment and Society  
 MA125 or 126: Calculus I  
 MA129: Calculus 2  
 MA204: Calculus 3  
 PC241: Physics for the Physical Sciences I: Mechanics  
 PC242: Physics for the Physical Sciences II: Electricity & Magnetism  
 PC251: Introductory Modern Physics  
 PC261: Electronics I  
 PC361: Techniques of Experimental Physics *or* PC362: Observational Astronomy  
 Two physics electives numbered 262 or higher  
 Recommended:  
 PC333: Solid State Physics  
 PC341: Mechanics  
 PC349: Thermal Physics  
 PC441: Quantum Mechanics I  
 EV333: Atmospheric Dynamics  
 One additional environmental course  
 Recommended:  
 EV212: Energy: Environmental Thermodynamics and Energetics  
 EV315: Atmosphere-Biosphere Interactions  
 EV351: Hydrology  
 EV431: Atmospheric Chemistry  
 At least one 200, 300, or 400 level EV humanities or social science course  
 PC450: Senior Seminar\* *or* EV499: Environmental Science Thesis  
 \*Senior Seminar must be relevant to environmental physics

### **Recommendations:**

One or more summer research programs in environmental physics  
 Additional advanced physics courses  
 Additional math courses (particularly MA218/EV228, MA220, MA315)  
 Introductory Chemistry, Geology, or Biology

## Geophysics Emphasis

Students who are interested in going into geophysics in employment or graduate school may be interested in this emphasis, which combines a liberal arts major in physics with five or more courses in geology. We recommend that you discuss this career path with Dick Hilt in the Department of Physics and Megan Anderson in the Department of Geology.

PC241: Physics for the Physical Sciences I: Mechanics

PC242: Physics for the Physical Sciences II: Electricity & Magnetism

PC251: Introductory Modern Physics

PC261: Electronics I

PC361: Techniques of Experimental Physics *or* PC362: Observational Astronomy

Three physics electives numbered 262 or higher

Recommended electives:

PC333: Solid State Physics

PC341: Mechanics

PC349: Thermal Physics

PC354: Electromagnetic Waves and Optics

PC450: Senior Seminar

GY130: Introductory Geology *or* GY140: Physical Geology

GY308/PC308: Introductory Geophysics

Two of the following three geology courses:

GY240: Plate Tectonics

GY315: Structural Geology

GY320: Surface Processes and Geomorphology

MA126: Calculus 1

MA129: Calculus 2

MA204: Calculus 3

Recommendations:

One or more summer research programs in physics or geophysics

Additional advanced physics and geology courses

Additional math courses (particularly MA313, MA220, CP122, MA316, MA318)

General Chemistry I (CH107)

## Chemical Physics or Material Science Emphasis

Students who are interested in employment or graduate school in chemical physics or material science may be interested in the chemical physics emphasis, which combines a liberal arts physics major with a minor in chemistry. We recommend that you seek advice from Phillip Cervantes, Stephanie DiCenzo, or Kristine Lang in the Department of Physics and Ted Lindeman or Sally Meyer in the Department of Chemistry.

PC241: Physics for the Physical Sciences I: Mechanics

PC242: Physics for the Physical Sciences II: Electricity & Magnetism

PC251: Introductory Modern Physics

PC261: Electronics I

PC361: Techniques of Experimental Physics *or* PC362: Observational Astronomy

Three physics electives numbered 262 or higher

**Recommended Electives:**

PC333: Solid State Physics  
 PC349: Thermal Physics  
 PC354: Electromagnetic Waves and Optics  
 PC441: Quantum Mechanics I  
 PC442: Quantum Mechanics and Relativity II  
 PC450: Senior Seminar  
 CH107: General Chemistry I  
 CH108: General Chemistry II  
 CH366: Physical Chemistry I  
 CH367: Physical Chemistry II  
 MA126: Calculus 1  
 MA129: Calculus 2  
 MA204: Calculus 3

**Recommendations:**

One or more summer research programs in physics or physical chemistry  
 CH241: Analytical/Bioanalytical Chemistry  
 CH250: Structures of Organic Molecules  
 Additional advanced physics, chemistry, and math courses

**Teaching Emphasis**

The teaching emphasis is intended for students interested in teaching physics at the high school level. In Colorado, physics teachers are certified to teach all sciences. This means that you need to major in physics, but also take at least two courses in biology, chemistry, and earth sciences. CC has two options for becoming a certified physics teacher. One is completed as an undergraduate: you major in physics, take the introductory courses in the other sciences, plus the education courses (essentially a minor) and student-teach. You can also be a 9th semester student where you graduate in May, then delay student teaching until the following fall, with a substantial reduction in tuition for the 9th semester. The second option is to focus on majoring in physics and completing the science requirements. You should take ED100 and ED120, then apply for the Master of Arts in Teaching (MAT) Program, which is a 14-month certification and master's degree program in the Department of Education. For more information, contact Mike Taber or Deb Mortenson in the Department of Education for advising.

PC241: Physics for the Physical Sciences I: Mechanics  
 PC242: Physics for the Physical Sciences II: Electricity & Magnetism  
 PC251: Introductory Modern Physics  
 PC261: Electronics I  
 PC361: Techniques of Experimental Physics *or* PC362: Observational Astronomy  
 Three physics electives numbered 262 or higher  
 PC450: Senior Seminar  
 College Aids in Colorado Springs Schools (ED100)  
 Experience Aids in Colorado Springs Schools (ED120)  
 Two lab-based introductory science courses chosen from biology, chemistry, and geology  
 MA126: Calculus 1  
 MA129: Calculus 2  
 MA204: Calculus 3

Recommendations:

PC133: Astronomy

Additional education courses, such as ED 203 or 275 (ED 275 is particularly useful for those interested in Teach for America)

### Computational Physics Emphasis

The computational physics emphasis is for physics students interested in computational modeling, computer control of equipment, or students considering a career in electrical or computer engineering. We recommend you consult with Shane Burns in the Department of Physics or Matthew Whitehead in Computer Science about this track.

PC241: Physics for the Physical Sciences I: Mechanics

PC242: Physics for the Physical Sciences II: Electricity & Magnetism

PC251: Introductory Modern Physics

PC261: Electronics I

PC361: Techniques of Experimental Physics *or* PC362: Observational Astronomy

PC253: Computational Physics (*adjunct, .5 units*)

2 physics electives PC 262 or higher

PC450: Senior Seminar

CP122: Computer Science I

CP222: Computer Science II

CP274: Software Design

CP275: Computer Organization

MA126: Calculus 1

MA129: Calculus 2

MA204: Calculus 3

Recommendations:

Additional advanced physics courses especially PC341, PC349, PC353, PC441, PC442

Additional computer science courses especially CP344, CP360, CP407

Additional advanced math courses especially MA201, MA220, MA251

One or more summer research programs

### Minor Requirements

Minors are required to take the following courses:

PC241: Physics for the Physical Sciences I: Mechanics

PC242: Physics for the Physical Sciences II: Electricity & Magnetism

PC251: Introductory Modern Physics

PC261: Electronics I

Plus one additional course, level 200 or higher

### Courses

#### Physics

**PC101** Physics in Your World

By focusing on how energy continually changes form, this course helps people with little or no background in the physical sciences to understand everyday phenomena, such as electricity, sounds (including the production of musical sounds), light, heat, motion, and more. Students will understand the differences between energy and force and momentum, and will appreciate the physical limitations on efficiency, on human motion, and on the consequences of collisions. All of this will be achieved mainly through simple, hands-on explorations. It is suitable for anyone who wants to understand basic electric circuits, weightlessness, high-speed braking distances, and the relevance of size in contact sports. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Summer only 2020-21).

1 unit

### **PC108** Introduction to Machining and Fabrication

Introduces machining and fabrication through hands-on experience. Provides an introduction to use of a mill, lathe, band saw, plasma and oxyacetylene torch, welding equipment and other common machining and fabrication tools. Also introduces use of precision measurement tools and mechanical drawing. Using these tools, students will complete an independent project. The course will lead to an understanding of possibilities, limitations and tolerances for custom machined and fabricated parts. Such knowledge is essential for experimental scientists designing equipment, entrepreneurs designing prototypes, and others who work with machinists. Extended format.

.5 unit — Burt

### **PC120** Topics in Physics:

Experimental or occasional courses taught by visiting professors or permanent faculty. Courses under this rubric will vary year to year. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

.5 to 1 unit

### **PC121** Cosmology, Antigravity, and the Runaway Universe

(Summer only 2020-21).

.75 units

### **PC122** Cosmology and Place in the American Southwest

This FYE Seminar introduces students to the foundations of Anthropology and Cultural Astronomy by exploring how groups in the American Southwest imbued the landscape and sky with memories, meanings, and other lived experiences. Students will explore how the Ancient peoples of this region developed complex societies, constructed monumental buildings, and positioned structures and features to engage with the natural world. May meet either the Critical Perspectives: Global Cultures or Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

2 units

**PC123** Scientific Revolutions: The Copernican Revolution

Planetary astronomy from the Greeks to the age of Newton. This course is a blend of history and science, and it explores the role of planetary astronomy in the development of Western thought. Readings from Aristotle, Ptolemy, Copernicus, Galileo, Kepler, and Newton. Astronomical observations and laboratory work. (Satisfies the laboratory/field requirement for natural sciences.) (Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.) (Meets the Critical Perspectives: Quantitative Reasoning requirement.) 1 unit - Hilt. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

1 unit

**PC124** Scientific Revolutions: Relativity

This course examines 19th and 20th-century modifications of Newtonian ideas of space, time and interactions. We focus on the concepts and consequences of the theory of relativity: length contraction, time dilation, the relativity of simultaneity, the equivalence of mass and energy, new approaches to gravitation, and black holes. We also explore the impact of relativity outside science. Readings from Einstein, Minkowski, Holton, Kuhn and others. Prerequisite: Physics 123. (Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.) (Meets the Critical Perspectives: Quantitative Reasoning requirement.) 1 unit - DiCenzo. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

*Prerequisite:* Physics 123.

1 unit

**PC129** Acoustics

Physics of motion, vibrations and waves, with application to hearing, music and architectural acoustics. (Meets the laboratory/field requirement for natural sciences.) Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

1 unit — DiCenzo

**PC131** Cultural Astronomy of the Southwest

Surveys the history and concepts of Western astronomy as background for other cultural approaches to astronomy. Focuses on archaeoastronomy and ethnoastronomy of native Southwestern peoples, including Ancestral Puebloans as well as modern Pueblo and Athabascan tribes. Explores relationships among astronomy, rock art, ritual, oral narratives, social patterns and belief systems. (Also listed as SW 200 and AN 211.) 1 unit. Hilt and department May meet either the Critical Perspectives: Global Cultures or Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

1 unit



**PC132** Observational Astronomy for Amateurs

A course for non-physics majors who are interested in learning to use a telescope and studying the sky. Class activities will include: understanding and learning to use the telescope and CCD camera, learning to manipulate and reduce images, offering observational opportunities for campus and community members, and performing individual or group observational projects, such as looking for Messier objects, tracking the orbits of Uranus and Neptune, and observing the tilt of Saturn's rings.

*Prerequisite:* No credit after completing Physics 362; may be taken up to two times for credit.

.25 unit — Wetterer

**PC133** Astronomy

Our solar system, our galaxy, the expanding universe of galaxies. Methods for obtaining astronomical data; fundamental properties of planets, stars, interstellar matter and galaxies; their origin and evolution; unusual objects like pulsars, quasars and black holes; life in the universe. (Meets the laboratory/field requirement for natural sciences.) Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

1 unit — Burns, Gosnell, Lang, Wetterer

**PC135** Meteorology

Basic physics principles are introduced and used to study dynamic processes in the atmosphere: atmospheric energy flow, solar radiation, green-house effect, large-scale circulation of the atmosphere, small-scale processes including clouds and storms, weather forecasting, man's impact on weather and climate. Laboratory and field experiments and field trips will be utilized. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

1 unit

**PC136** How Things Work

A practical introduction to the physics in everyday life. Covers examples from simple experiences like ice skating and drinking through a straw to complicated devices like televisions and microwaves, these are explained using physical principles, logical arguments, schematic diagrams, lots of demonstrations, and a few equations. Each student dissects and explains a mechanical or electrical device, such as a wind up clock, bicycle, or vacuum cleaner, using principles and techniques developed in the course. Requires no previous experience with physics. Those with significant previous physics experience will find some repetition, but significant new applications. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

1 unit

**PC137** Conceptual Physics

A nonmathematical introduction to some of the important concepts in physics such as inertia, gravity, energy, relativity, and quanta. Some examples of phenomena and devices that might be covered include falling and floating bodies, rocket action, tides, waves of many kinds, the behavior of atoms, fission and fusion, lasers, the twin paradox, and black holes. (Meets the laboratory/field requirement for natural sciences.) Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

1 unit

### **PC141** Physics for the Life Sciences I

This is the first block of a two-block sequence in introductory physics tailored to students majoring in one of the life sciences. This course covers mechanics, thermodynamics, and fluids. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Mathematics 125 or 126 or equivalent or consent of instructor.

1 unit — Brown, Purdue, Schumer

### **PC142** Physics for the Life Sciences II

This is the second block of a two-block sequence in introductory physics tailored to students majoring in one of the life sciences. This course covers electricity, magnetism, basic electrical circuits, waves, optics, and quantum physics. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Physics 141 or equivalent or consent of instructor.

1 unit — Purdue, Schumer

### **PC150** Physics in Biology and Medicine

(Summer only 2020-21).

.75 units

### **PC151** Biophysics: Physics and Living Things

How physical principles apply to living things. Some examples of the kinds of topics to be discussed are muscle action, running, jumping, flying, circulation of blood, keeping warm, keeping cool, nerve action, hearing, and seeing. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

1 unit

### **PC210** Investigations in Engineering

Project-based course taught by a visiting engineer to introduce students to a particular field of engineering. Content will vary substantially between offerings.

.5 unit

**PC220** Topics in Physics:

Courses offered under this rubric will vary year to year. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

1 unit

**PC224** Spacetime Physics

An introductory examination of some of the physics of spacetime. Flat spacetime geometry, momentum and energy, gravity and curved spacetime. Effects of relativity in mechanics, optics and particle physics. More mathematical than 124. (Not offered 2020-21).

*Prerequisite:* HS Math & Science.

.5 to 1 unit

**PC241** Physics for the Physical Sciences I: Mechanics

This is the first block of a two-block sequence in introductory physics for students planning to major in the physical sciences or enter an engineering program. This course covers mechanics and thermodynamics. The course emphasizes mathematically rigorous problem solving. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Mathematics 125 or 126 or equivalent or consent of instructor.

1 unit — Brown, Cervantes, Gosnell, Purdue

**PC242** Physics for the Physical Sciences II: Electricity & Magnetism

This is the second block of a two-block sequence in introductory physics for students planning to major in the physical sciences or enter an engineering program. This course covers electricity & magnetism, waves, and optics. The course emphasizes mathematically rigorous problem solving. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Physics 241 and Mathematics 129 or equivalent or consent of instructor.

1 unit — Lang, Light, Schumer

**PC251** Introductory Modern Physics

A continuation of introductory physics using calculus begun in 241 and carried forward in 242. Special relativity and quantum theory are introduced and then used to understand such things as atomic structure, statistical mechanics, and radioactive decay. Experimental exploration of these topics is an especially important component of this course. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Physics 242 or equivalent.

1 unit — Burns, Lang

### **PC253** Computational Physics

Numerical modeling of physical systems, data acquisition and analysis. The use of data analysis/visualization tools, analytic computation tools, and a general scientific programming language are covered. Students will use topics from regular block courses as the basis for computational projects.

*Prerequisite:* Physics 242.

.5 unit — Burns

### **PC255** Spacetime in the Summertime

Space and time are measures of very different things. We live in a world with three spatial dimensions; you can point your fingers in three mutually perpendicular directions, but not four. Time, our sense of the continuous transition from past through now to future seems to be something completely different from space. Yet Einstein created an enormously successful theory, Relativity, in which space and time are mixed together in a unity called spacetime. This course explores some of the nooks and crannies of spacetime. Time permitting, the course also addresses curved spacetime (whatever that is) and Black Holes. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Summer only 2020-21).

1 unit

### **PC261** Electronics I

The block begins with basic circuit theory and discrete circuit elements. We then go on to a study of analog and digital electronics. The emphasis is on experimental work.

*Prerequisite:* Physics 242 or equivalent.

1 unit — Light

### **PC262** Electronics II

The block begins with more analog and digital electronics using integrated circuits. The applications are to physics instrumentation. An introduction to micro-processors may be included. The emphasis is again on experimental work. (Not offered 2020-21).

*Prerequisite:* Physics 261.

1 unit

### **PC270** Readings in Physics:

Directed readings in selected areas of physics with discussions and written reports.

.5 to 1 unit

### **PC308** Introductory Geophysics

Applications of physics to the study of Earth structure from crust to core. Seismology, magnetism, gravity, and geodesy. Explores history of Earth's formation, current geologic and tectonic problems, and uniqueness of interpretation issues. (Not offered 2020-21).

*Prerequisite:* Calc 1 (Mathematics 125 or 126). Introductory Physics (Physics 141 or 241), and Geology 260 or consent of instructor.

1 unit

### **PC311** Vector Analysis

Vector functions, divergence and curl. Green's and Stokes's theorems, and the properties of three-dimensional curves and surfaces. Related topics from linear algebra and differential equations.

*Prerequisite:* Mathematics 204.

1 unit — Brown

### **PC320** Topics in Physics:

Courses offered under this rubric will vary year to year.

*Prerequisite:* Physics 251.

1 unit — DiCenzo, Schumer

### **PC333** Solid State Physics

Explores the nature of condensed matter and the geometrical arrangement of atoms in a crystal and how that arrangement affects the electronic structure of that material. Understanding of the different band structures of metals, semiconductors, and insulators, and how these govern the interactions of each material with photons and electrons and lead to the very different roles of these materials in the objects we create and use. Particular subjects are likely to include semiconductor devices, alloys, and the effect of dislocations and impurities on material properties.

*Prerequisite:* Physics 251.

1 unit — DiCenzo

### **PC335** Atmospheric Physics and Climate Change

A survey of the physical and chemical components of weather, air pollution and climate at both global and local scales that will outline local, national and global political responses to threats to our atmospheric environment. (Not offered 2020-21).

*Prerequisite:* Physics 251.

1 unit

### **PC341** Mechanics

Forces, potentials and motion according to Newton, Lagrange and Hamilton. Conditions for

conservation of momentum, energy and angular momentum. Topics such as gravitation, oscillations, chaos, scattering and things that go bump in the night. Prerequisite: 251 and Mathematics 203 or Consent of Instructor. 1 unit - Hilt

*Prerequisite:* consent of instructor or Physics 251 & Mathematics 204.

1 unit — Lang

### **PC349** Thermal Physics

First and second laws of thermodynamics and their applications. Statistical mechanics, kinetic theory, elementary transport processes. Maxwell-Boltzman, Fermi Dirac, and Bose-Einstein statistics and their applications in solid state, nuclear and molecular physics.

*Prerequisite:* consent of instructor or Physics 251 & Mathematics 204.

1 unit — Cervantes

### **PC353** Electromagnetic Theory

The theory of electricity and magnetism: electric charges, forces, fields and potentials; electric currents, magnetic forces, fields and potentials. Electromagnetic induction. Maxwell's equations, plane waves in vacuum.

*Prerequisite:* consent of instructor or Physics 251, 311.

1 unit — Brown

### **PC354** Electromagnetic Waves and Optics

The continuation of 353. Electromagnetic fields in matter: conduction, polarization, magnetization; a brief introduction to condensed matter physics. Plane waves in linear media, boundary conditions, interference, diffraction. Radiation from simple sources, coherence.

*Prerequisite:* Physics 353.

1 unit — Purdue

### **PC357** Astrophysics

An introduction to stellar structure and evolution with an emphasis on the physics underlying the observed phenomena. Topics include the birth, evolution, and death of stars, pulsars, black holes, and white dwarfs. (Not offered 2020-21).

*Prerequisite:* Physics 251.

1 unit

### **PC358** Extragalactic Astronomy and Cosmology

A study of the large scale structure of the universe and evolution of the universe from the Big Bang to the present epoch. Topics include expansion of the universe, dark matter, dark energy, cosmic background radiation and the formation and evolution of galaxies and

clusters of galaxies.

*Prerequisite:* Physics 251.

1 unit — Gosnell

### **PC361** Techniques of Experimental Physics

The design, execution, and analysis of experiments in physics. Data analysis, probability and statistics. One or more laboratory projects to be completed.

*Prerequisite:* Physics 251, 261 or consent of instructor.

1 unit — Light

### **PC362** Observational Astronomy

The design and execution of observations of astronomical objects. Reduction and analysis of astronomical data. Probability and statistics applied to astronomical observations. Includes a weeklong observing run at major research observatory.

*Prerequisite:* Physics 251, 261.

1 unit — Leiner

### **PC370** Readings in Physics:

Directed readings in selected areas of physics with discussions and written reports.

*Prerequisite:* consent of instructor.

.5 or 1 unit

### **PC391** Investigations in Physics:

Independent experimental and/or theoretical practice-research in areas such as nuclear magnetic resonance, geophysics, atomic physics, non-linear dynamics, and astrophysics. Affiliation with a staff member for work as an apprentice researcher in the area of his or her interest. As many as four units of Investigations may be taken for credit.

*Prerequisite:* consent of instructor & Physics 251, 261.

1 unit — Cervantes, Purdue

### **PC392** Investigations in Physics:

Independent experimental and/or theoretical practice-research in areas such as nuclear magnetic resonance, geophysics, atomic physics, non-linear dynamics, and astrophysics. Affiliation with a staff member for work as an apprentice researcher in the area of his or her interest. As many as four units of Investigations may be taken for credit.

1 unit

### **PC420** Advanced Topics in Physics:

An advanced course in a topic of current interest in physics. Examples: special and general relativity; quantum mechanics of atoms, molecules, and solids; elementary particle physics, relativistic quantum mechanics. Topics vary from year to year.

*Prerequisite:* consent of instructor.

1 unit — Purdue

### **PC431** Air: Atmospheric Physics and Chemistry

Introduction to atmospheric circulation, radiation transfer, thermodynamics and radiation balance as they determine the vertical structure of the atmosphere and regulate the surface temperature. Kinetics, modeling, and reaction systems as they relate to air pollution and ozone chemistry in the stratosphere and troposphere. Course includes a student-designed laboratory/field project related to local air pollution issues. (Not offered 2020-21).

*Prerequisite:* Environmental Program 212 or Chemistry & Biochemistry 108 and Physics 241 or Physics 251.

1 unit

### **PC441** Quantum Mechanics I

General formulation of quantum mechanics: hermitian operators, eigenfunctions and eigenvalues, physical content of the wave function, indeterminacy relations and simultaneous observables, angular momentum and spin. Solutions of the Schrodinger equation in one and several dimensions, the hydrogen atom.

*Prerequisite:* PC311,341, Mathematics 220 or consent of instructor.

1 unit — DiCenzo

### **PC442** Quantum Mechanics and Relativity II

Applications of quantum mechanics. Perturbation theory, scattering theory, and interpretations of quantum mechanics. A short introduction to relativistic quantum theory.

*Prerequisite:* Physics 441.

1 unit — Brown

### **PC450** Senior Seminar

A course emphasizing research and presentation of physics. Students will prepare and deliver a series of presentations on a variety of topics, and will learn to research a topic in the physics literature. The presentations will increase in length and complexity throughout the block. The last part of the course will be devoted to preparing a full-length seminar on a suitable topic. This seminar will be presented later in the semester, and a major part of the student's evaluation will be based upon it. Successful completion of this course is required of all physics majors.

1 unit — DiCenzo

### **PC470** Readings in Physics:



Directed readings in selected areas of physics with discussions and written reports.

*Prerequisite:* consent of instructor.

.5 or 1 unit

### **PC491** Advanced Investigations in Physics

Yearlong independent experimental and/or theoretical research in areas such as nuclear magnetic resonance, geophysics, atomic physics, non-linear dynamics, and astrophysics. Affiliation with a staff member for work as an apprentice researcher in an area of the faculty member's interest. Combines an extended format course (one-half unit of credit) working with a faculty member to plan and begin research with a block of intensive work (one unit of credit) resulting in a formal written report and an oral seminar presentation before the Physics Department faculty and students.

*Prerequisite:* consent of instructor & Physics 251, 261.

.5 to 1 unit

## Political Science

*Applicable for the 2020-2021 academic year.*

**Political Science Website** (<http://www.coloradocollege.edu/academics/dept/politicalscience/>)

Professors FULLER, EDLIN, LINDAU; Associate Professors COGGINS, GOULD, E. GRACE (associate chair), WOLFE (chair), MCKENDRY; Assistant Professors FENNER, SORACE, Lecturer Professor DERDZINSKI

Political science prepares students for a variety of careers, public and private, including those directly related to politics and those based on graduate training. Departmental requirements are designed not just to prepare students for graduate school, but to give all majors broad exposure to politics and ready them for responsible citizenship in the contemporary world.

### Major Requirements

**Basic Requirement:** Must complete 10 units in the Department of Political Science

#### I. Introductory

The department offers courses in four sub-fields: United States Politics and Government, Political Theory, Comparative Politics, and International Relations. The Catalog of Courses indicates the departmental offerings by sub-field, and a current list is included below.

**Basic Requirement:** Must complete 10 units in the Department of Political Science

#### I. Introductory

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departmental offerings by sub-field, and a current list is included below.

### **Students must take:**

1) In the United States politics and Government subfield:

PS 200 - United States Politics and Government

2) In the international relations subfield:

PS 209 - Introduction to International Relations or

PS 225 - Conduct of American Foreign Policy

3) In the comparative subfield:

PS 236 - Introduction to Comparative Politics

4) In the political theory subfield:

PS 290 Foundations of Political Theory\*

**\*The new introductory theory requirement takes effect starting with the class of '24.**

**Students in the class of '20, '21, '22, and '23 can fulfill the theory requirement EITHER under the old OR the new requirement. OLD THEORY REQUIREMENT: PS205 or PS270 or PS292 or PS298**

Students are strongly advised to take the prescribed courses at the 200 level before taking courses at the 300 level. Either 209 or 225 can be counted towards the major, but not both.

## **II. Sub-field Distribution**

A minimum of 10 units in the Department of Political Science is required, to include the following:

1) Two units in each of four subfields. In each subfield, students must take A) the prescribed course or one of the prescribed courses, and B) one additional course in that subfield.

2) A tutorial in one subfield selected for emphasis. Students who are admitted to write theses are exempt from the tutorial requirement.

3) One additional course to reach the 10-unit minimum. The elective may not be the internship courses, 231 or 233. In addition to the regular courses offered by the department, students may count as their elective one of the following courses: a Topics in Politics course (203), an independent study (402), or one course taken at another institution, in the United States or abroad.

## **III. Study Abroad**

Students earning political science credit in off-campus programs or study at other institutions may qualify for relief from the 10-unit rule. However, the department believes a degree in political science from Colorado College means that majors did most of their work here. The department will normally count one unit of political science in an off-campus program toward the basic ten units. Any use of non-CC credit toward the major must have the approval of the student's departmental advisor or the department chair.

## **IV. Recommended Courses Outside of the Department:**

A. The department strongly urges all its majors to achieve at least intermediate-level competency in a foreign language.

B. The department also advises all majors to take Principles of Economics and at least two courses in history.

## V. Distinction

Distinction in political science will be awarded based on a graduating senior's cumulative GPA in courses within the major.

## VI. Thesis

Proposals to write a senior thesis must normally be submitted by the beginning of the final block of the student's junior year, but a student studying off campus at the end of the junior year may submit a proposal in the first week of Block 1 of the senior year.

## VII. Transfer Students

The department chair will consider granting credit toward the major for courses taken at another institution prior to admission to Colorado College at the time the student declares the major. Advanced Placement courses in high school may count toward total units for graduation and should be taken into consideration when selecting courses for the major. They do not, however, qualify for relief from the 10-unit rule.

## Minor Requirements

A minor in political science enables students to complete a course of study within one of the subfields in the major. Completion of a minor in political science requires five courses, distributed as follows and chosen in consultation with an adviser in the department:

1) One of the following: 200 in the United States politics and government subfield; 209 or 225 in the international relations subfield; 236 in comparative politics; 290 in the political theory subfield\*. Either 209 or 225 can be counted toward the minor, but not both.

**\*The new introductory theory requirement takes effect starting with the class of '24. Students in the class of '20, '21, '22, and '23 can fulfill the theory requirement EITHER under the old OR the new requirement. OLD THEORY REQUIREMENT: PS205 or PS270 or PS292 or PS298**

2) Three upper-division courses in the minor subfield, including at least one 300-level course for which the student has completed the prerequisite. A course in another subfield can be substituted for one of these three courses upon consultation with the minor advisor.

3) A tutorial in the minor subfield.

## Courses

### Political Science

**PS101** What is Politics? Examines enduring themes in political life

Questions explored include the balance between state authority and individual liberty; analogies between the exercise of power in government and other areas of human life; the

nature of ethical judgment in governance; and the varying ways in which constitutional regimes give expression to and tame the exercise of power. (Formerly 201 Political Analysis.) (Cannot be taken after 103.) (Not offered 2020-21).

*Prerequisite:* No credit after 103.

1 unit

### **PS102** Freedom and Empire: The Drama of Ancient Politics

This course examines the gripping drama of ancient Roman politics, from the struggle for freedom to the temptations of empire, as it is notoriously described by Machiavelli in “The Prince,” and vividly portrayed in Shakespeare’s Roman plays. (Summer only 2020-21).

*Prerequisite:* Pre college course.

.25 to 1 unit

### **PS200** United States Politics and Government

The structure and process of United States national politics and government. Special attention to the ideas and values, institutions, and political processes that shape contemporary public policies in this country. 1 unit.

1 unit — Derdzinski, Edlin, Wolfe

### **PS203** Topics in Politics:

.5 or 1 unit — Chandrani, Derdzinski, Foerster, Hansbury

### **PS205** Foundations of Political Economy

Examines enduring themes of Political Economy with a focus on the balance between individual liberty, state authority, regulation of economic activity and the relation of the polity to economy. (Not offered 2020-21).

1 unit

### **PS209** Introduction to International Relations

Introduction to the theory and practice of the contemporary state system. Emphasis on the last hundred years of inter-state rivalry.

*Prerequisite:* Either 209 or 225 can be counted towards the PS and IPE majors, but not both.

1 unit — Derdzinski

### **PS210** The Law & Social Justice

Analysis of significant and controversial Supreme Court decisions on issues such as racism and the legacy of slavery, school desegregation, affirmative action, gender discrimination, sexual harassment, the right to an abortion, criminal law, freedom of speech, and the separation of church and state. (Not offered 2020-21).

1 unit

**PS211** Women, Government and Public Policy

Examines the relationship between women, government, and public policy -- with the primary goal of understanding how politics is gendered. Topics include the 'waves' of feminism, how female lawmakers navigate the electoral and legislative arenas, and the role of gender in public policy. (Not offered 2020-21).

1 unit

**PS213** Leadership and Governance

Introduction to models and theories of leadership. Analysis of skills, styles and abilities that are frequently associated with effective leadership in political and organizational settings. Analysis of the paradoxes of leadership and the tensions among leadership, democracy, and creativity. (Not offered 2020-21).

1 unit

**PS220** Socrates

Famously condemned by democratic Athens as an impious and immoral corrupter of the young, Socrates has subsequently become a kind of hero of intellectual freedom. Yet Socrates's radical pursuit of self-knowledge, his claim that 'the unexamined life is not worth living for a human being' has also continuously provoked profound philosophical debates. What does it mean to live an "examined life"? Why is self-knowledge the most important kind of knowledge? Does progress in Socratic self-knowledge help to strengthen – can it even comport with – our heartfelt commitments to moral, religious, and political progress? In this course, we begin to explore Socrates' enigmatic life and teachings through accounts given of him by Plato and Xenophon, as well as through the many different and thoughtful judgments made of him through the ages - from Aristophanes and Aristotle to Rousseau, Nietzsche, Kierkegaard, and beyond. .5 or 1 unit.

1 unit — Grace

**PS222** Just War Theory

The course investigates the origins and development of theories justifying, and also seeking to limit, resort to war and conduct in war. The readings include ancient and modern formulations of what came to be known as the principles of justifying war, which have also gained recognition in international law. This includes consideration of the changing historical circumstances in which the principles are to be interpreted and applied to the use of force especially in relation to the issues of our time such as nuclear weapons and terrorism.

1 unit — Fuller

**PS225** Conduct of U.S. Foreign Policy

Ideas and Institutions which condition the formulation and execution of the nation's foreign policy.

*Prerequisite:* Either 209 or 225 can be counted towards the PS and IPE majors, but not both.

1 unit — Gould

**PS226** Gender & Politics

Examines the following questions: Are there politically relevant differences between the sexes, and if so, are they the product of nature and/or convention? What is/ought to be the relation between the political community and private attachments? How has liberalism answered these questions? How does consideration of gender challenge liberal theories such as contract, individual rights, and human nature? Readings in both political theory and in feminist literature.

1 unit — Grace

**PS230** Waging Nonviolent Conflict

An investigation into the strengths and limitations of nonviolent conflict in bringing social and political change. After a week investigating social movement theory drawing from several disciplines, students participate in a workshop in which they envision, organize and strategically guide a virtual nonviolent social movement. Class requires substantial engagement in class and group projects and a final exam.

1 unit — Gould

**PS231** Political Campaigning

Student internships in primary and general elections. Post-campaign written analysis required. (Offered as an independent study.)

*Prerequisite:* consent of instructor & may be arranged any block.

1 unit — Wolfe

**PS233** Governmental Participation

Directed internships in national, state and local government agencies. Written analysis of the work experience required. (Offered as an independent study.)

*Prerequisite:* consent of instructor & may be arranged any block.

.5 to 1 unit

**PS234** Freedom and Empire: The Drama of Ancient Politics

Examines ancient politics, from the struggle for freedom to the temptations of empire, insofar as it is vividly portrayed in Shakespeare and the classical literature of Greece and Rome: the greatness, challenges and defects of the ancient republic; the nature of political and military ambition; and the causes and character of empire. Focus/possible works: Shakespeare's Roman plays; the Socratic Xenophon's novel on the rise and rule of Cyrus the Great; Tacitus on Roman emperors. The course may also draw upon Machiavelli on Rome. (Not offered 2020-21).

1 unit

**PS235** Shakespeare's Political Wisdom

This course will explore Shakespeare's dramas as political philosophy. In his plays, Shakespeare often immerses the audience in richly detailed political situations that give rise to profound political and moral dilemmas which human beings continue to confront to this day. The class will pursue the moral and political education that thoughtful and prudent political men and women had for generations found in so many of Shakespeare's dramas.

1 unit — Grace

**PS236** Introduction to Comparative Politics

This course introduces the concepts, definitions, theories and scholarly approaches used to study comparative politics with reference to selected case studies in different regions of the world. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Derdzinski, Fenner, Lindau, Sorace

**PS237** The Art of Insurgency: Performance and Political Order

Investigates the arts' relation to narratives of power--those stories that justify why certain structures dominate, and why alternatives do not. An examination into those arts that expose these narratives, reveal silenced alternatives, and present challenger stories that aspire to power themselves. Includes two weeks of study in Serbia and Bosnia. Course fee/Passport and Visa, where needed. Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* Includes two weeks of study in Serbia and Bosnia. Course fee/Passport and Visa, where needed.

1 unit — Gould, Womack

**PS242** Conservatism & Liberalism

Examination of leading conservative and liberal thinkers in America since 1945.

1 unit — Fuller

**PS246** Politics in Literature

Reading and discussion of classic and contemporary works of fiction and drama known both for their literary merit and for their insight into politics. (Not offered 2020-21).

1 unit

**PS253** Introduction to International Development

Drawing on politics, economics, sociology and anthropology, this course critically examines the First World's relations with the Third World through the lens of 'development.' (Not offered 2020-21).

1 unit

**PS270** Liberty & Equality

Explores the question whether there is a fundamental justification for democratic rule by analyzing diverse defenses and critiques of the claims that democracy is founded on the truth of human equality and best provides for individual liberty. (Not offered 2020-21).

1 unit

### **PS272** Cities, Sustainability, and Environmental Justice

Examines the relationship between cities, nature, and inequality with a particular emphasis on the political and political-economic contexts in which U.S. cities are striving to become more socially just and environmentally sustainable. Examines issues including environmental racism, food justice, transportation equity, green space, and climate justice in order to analyze the limitations and possibilities of cities as sites of creating sustainability with justice.

1 unit — McKendry

### **PS274** Environmental Politics and Policy

Considers environmental politics and policy in the United States from the early twentieth century through the present. Examines environmental policies at the federal level, their effectiveness and limitations in protecting the environment, and the major policy debates that have surrounded them. Investigates the role of other key actors in shaping environmental governance, including environmental organizations, industry, and state and local governments (Not offered 2020-21).

*Prerequisite:* Environmental Program 141 or Political Science 200 recommended. EV Policy majors and EV Integrated Science majors can count this course or Environmental Program 271 toward the major, but not both.

1 unit

### **PS276** Syria in Revolution and War

This course explores how Syria's peaceful 2011 uprising transformed into a bloody international war. Key themes include authoritarianism, mass mobilization, sectarianism, militarization, proxy conflicts, and the power of political ideology. Note: the materials for this course include a significant amount of graphic imagery.

1 unit — Fenner

### **PS281** Independent Study

Independent Study, readings on special topics for non-majors or students with little or no previous political science coursework.

1 unit

### **PS290** Introduction to Political Philosophy

Investigates the foundation and aims of politic rule as well as fundamental debates over the meaning of justice, liberty, power, authority, law and rights through an examination of basic but competing perspectives drawn from ancient, medieval, and modern texts. Thinkers



include, but are not limited to, Aristotle, Aquinas, Machiavelli, and Locke. (Also offered as a CC120 course.)

*Prerequisite:* Meets AP:A if taken immediately before Political Science 101.

1 unit — Fuller, Grace

**PS292** American Political Thought

An examination of the political theory of the American founding and its relevance to contemporary political problems.

1 unit — Fuller

**PS298** What is Political Philosophy?

Among the fundamental questions to be raised: How does the perspective of a political philosopher differ from that of an experienced practitioner of politics? What - if anything - makes for a philosophical approach to politics, and what accounts for the differences in approaches and conclusions among various political philosophies? Why have philosophers turned their attention to politics, and why is it the case that, for some political philosophers, a concern for affecting political practice is not the primary interest, nor even a goal, while for others it is? (Not offered 2020-21).

1 unit

**PS301** Europe and its Governments:

A comparative study of the political systems and political cultures of selected European countries with consideration of the history and prospects of European Union. (Not offered 2020-21).

1 unit

**PS303** The Uses of the Past

Examination of modern philosophies of history since Hegel. Taught as an independent study, extended format or Summer Readings course in accordance with student schedules by arrangement with the instructor. Also fulfills a requirement in the Classics-History-Political Science major. COI.

.5 to 1 unit

**PS304** Political Psychology

An overview of the interdisciplinary field of political psychology. Questions include: 1)Why do people engage in 'evil' behavior; 2)Why is there intergroup conflict; 3)How does the media alter political attitudes; and 4)Why do people make 'irrational political decisions? To answer these questions we will engage the situationist - dispositionist debate which shapes political behavior more, the situations in which individuals find themselves, or the psychological dispositions of those individuals?

1 unit — Wolfe

**PS305** Marxist Political Economy and the Crisis of Capitalism

'Someone once said it is easier to imagine the end of the world than to imagine the end of capitalism.' (Fredric Jameson) This class examines Marx's diagnosis of capitalist political economy and imagines the end of capitalism from a Marxist perspective. We will also engage Marxist, post-Marxist, and neo-communist thinkers, such as Lenin, Gramsci, Althusser, David Harvey, Slavoj, Žižek, Jodi Dean, and others. (Not offered 2020-21).

1 unit

**PS306** Democracy & Markets

A comparative examination of the introduction of democracy and markets in Latin America, Africa, Eastern Europe, and Asia, featuring an analysis of how the contemporary package of neo-liberal policies known as 'the Washington consensus' interacts with political institutions. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Gould

**PS308** Comparative Politics: Russia

The roots, rise, maturity, and collapse of Soviet Leninism. Addresses implications of the Soviet legacy and contemporary conditions of the post-Soviet political order in Russia and other successor states of the Soviet Union. (Not offered 2020-21).

1 unit

**PS309** Origins of the Modern State System

Examines the development of international thought from the Renaissance to the Scottish, French, and American Enlightenments. How the modern thinkers saw antiquity, and how their thought is relevant to contemporary trends and debates, are key themes. (Not offered 2020-21).

1 to 2 units

**PS310** Conduct of Chinese Foreign Policy

How does the Chinese government see the world? How does China's domestic political concerns shape their actions on the global stage? How does the U.S. government see China? In what ways, do China and the U.S. misunderstand each other? This class examines key policy issues in Chinese foreign policy, and debates over the meaning of contemporary events, as artifacts of different world-views and understandings of power. (Not offered 2020-21).

1 unit

**PS312** Balkan Politics

Focuses on Yugoslavia's disintegration in the 1990's and the subsequent international response. Evaluates theories developed in the fields of international relations and comparative politics that purport to explain events. Places specific focus on the interaction of identity and political institutions. May meet either the Critical Perspectives: Global

Cultures or Social Inequality requirement. (Not offered 2020-21).

.5 to 1 unit

**PS313** Comparative Politics: The Middle East and North Africa

Traces major themes and developments in MENA politics through the 20th and 21st centuries, with an emphasis on better understanding contemporary events. This course takes seriously the complexity of Middle East politics, engaging with both social scientific theory and lived experience. Topics explored include authoritarianism, state capacity, ethnic and sectarian politics, ideology, and nationalism, approached through case studies, art, fiction, and film. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Fenner

**PS314** International Politics of the Middle East and North Africa

The re-emergence of the Middle East as a regional subsystem in the 20th Century. The role of foreign powers, the rise and decline of Arabism, the Israeli-Palestinian conflict, wars in the Gulf, and the impact of the Islamist movements since 1967. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**PS315** Elections

This course considers current elections, with a focus on presidential and congressional races. We will pay particular attention to voting behavior, political parties, and elite messaging.

1 unit — Wolfe

**PS317** The American Founding

Examines the main characters, events, and ideas of the era of revolution and constitution building. Focuses on the debates over the Federal Constitution and the diplomacy of the early republic. Considers changing views of the Constitution's significance over time. Also listed as History 240. (Not offered 2020-21).

.5 to 2 units

**PS318** The American Presidency

Examines and evaluates the institution, the politics and policy impact of the American presidency with special emphasis on theories, models and strategies of presidential leadership. (Not offered 2020-21).

1 to 2 units

**PS319** Ideology in the United States

This course uncovers the paradox of ideology in the United States: while Americans, on average, prefer to call themselves 'conservatives,' they hold mostly liberal policy preferences on cultural and economic matters. By evaluating ideology at both the macro and

micro level, this course considers the myriad of forces that shape ideological identification.

1 unit

1 unit — Coggins

**PS320** The United States Congress

Structure and operation of the United States House of Representatives and the United States Senate. Emphasis on political organization, the committee system, lobby groups, roll-call analysis, and congressional relations with the executive and the bureaucracy. (Not offered 2020-21).

1 unit

**PS321** Public Policymaking

Forces shaping public policies and decisions; internal politics of the national bureaucracy, the Presidency and Congress. Applies theories of policymaking to such cases as the environment, race and military affairs.

1 unit — Coggins

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1 unit — Coggins

**PS322** The Judiciary

This course examines the function of the courts in the United States as legal and governmental institutions, focusing primarily but not exclusively on the federal judiciary. It begins with the historical development of the trial courts and the adversarial system, and then considers the organization and function of the federal circuit courts and the Supreme Court of the United States. It concludes with an examination of legal reasoning, including the significance of legal sources, the doctrine of precedent, analogical reasoning, and the method and purpose of judicial decision-making. Some of the questions addressed during the course include: Are trials a search for truth? Should courts be concerned primarily with resolving legal disputes or creating legal rules? Are federal judges insulated from political motivations and influences? Is the Supreme Court a legal institution or a political institution? Why do judges follow precedent? What is the relationship between judges and justice?

1 unit — Edlin

**PS325** The American Century

A study of the world involvement of the United States from World War I to the present. Examines themes of rise and decline; isolation and intervention; union and empire; military industrial complex and national security state; domestic influences on foreign policy.

1 unit — Hendrickson

**PS326** Race and the Judicial Process

This course explores the role of the courts in the experience of racial minorities in the United States. Primarily, but not exclusively, the course examines the courts' impact on African Americans. Where race is concerned, the courts have figured prominently in some of America's proudest and most shameful moments. Slavery, segregation, affirmative action, political representation, and the criminal justice system are some of the topics addressed. The course considers some of the ways in which certain legal, political and policy debates are defined, informed and constrained by the historical arc of racial inequities in American law and politics. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**PS328** Philosophy of Law

This course studies the theory of law. It examines fundamental and recurring subjects of the field, including principally the relationship between law and morality, along with further links between law and justice, power and authority. Some of the questions addressed include: Must valid laws possess some moral value? Are laws the commands of the powerful, or the rules of self-government, or something else? Does law have any legitimate claim to obedience? What is the justification for legal punishment? Students will read the work of canonical and contemporary legal theorists including Austin, Hart, Aquinas, Finnis, Dworkin, MacKinnon, and others. The course also involves applying these theoretical writings to concrete legal disputes and debates, primarily through analysis of constitutional provisions, judicial decisions and legislation.

1 unit — Edlin

**PS329** Secrecy Surveillance and Democracy

This course explores the impacts of secrecy and surveillance on the exercise of democracy. How do secrets affect the governed and the state? How does surveillance affect the watcher and the watched? Is informed consent possible in a national security state? Who defines national security? Who benefits from the definition? How are civil rights safeguarded, and how is privacy redefined? How do secrecy and surveillance, in the digital age influence the practice of journalism and the exercise of citizenship?

1 unit — Alters, Lindau

**PS330** Colloquium in History and Political Science

A seminar organized around comparative analysis of a common theme or topic, employing both historical and political science approaches to analysis and research. Designed principally for History/Political Science majors, but others may be admitted with consent of instructor.

*Prerequisite:* HY/PS major or consent of instructor.

1 unit — Sorace, Williams

**PS331** Comparative Politics: China

This course provides an introduction into China's domestic politics and the challenges faced by its political system. How does the Communist Party rule? What are its sources of authority and power? How do China's Maoist legacies influence its present governance strategies? How is Chinese society shaped by China's political system, and how is the political system shaped by social changes and pressures? Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Sorace

**PS332** Comparative Law

This course explores most of the major legal traditions of the world. It considers the concepts, functions and methods of comparative legal study. In doing so, it examines broad and specific distinctions between the common law and civil law traditions, with special emphasis on two common law systems (the United States and the United Kingdom) and two civil law systems (France and Germany). It then explores the EU legal system as an amalgam of these two traditions. This course addresses the relationship between legal systems and legal cultures, the challenge of understanding the mechanisms through which different legal traditions attempt to achieve the sometimes competing political, legal and social goals of order and justice, and it evaluates the purposes that constitutions and courts perform in maintaining the rule of law. (Not offered 2020-21).

1 unit

**PS333** The European Union

Students acquire the historical background and analytical tools necessary to understand the European Union. Covers EU history, institutions, and contemporary policies. (Not offered 2020-21).

1 unit

**PS334** The U.S. Environmental Movement

This course examines the politics of environmentalism and environmental activism in the United States. It focuses on the development and transformation of environmentalism as a social movement from its roots in the preservationists of the late 19th century, through the emergence of the modern environmental movement in the mid-twentieth century, up to through the challenges environmentalism has faced from across the political spectrum in the past thirty years. It also examines the principal debates that have divided the environmental movement itself, including the debate between conservationism and reservationism, the relationship between wilderness protection and environmental justice, and debates about the efficacy of the movement's traditional focus on state regulation. Finally, the course investigates the successes and failures of the environmental movement and the challenges and opportunities that mark environmental politics today (Not offered 2020-21).

*Prerequisite:* Political Science 200 or Environmental Program 271 recommended.

1 unit

**PS335** Comparative Politics of Latin America

An overview of theories of political change and a comparative analysis of the politics of Argentina, Brazil and Chile. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Lindau

**PS336** The Cuban Revolution

This course examines theories of revolution through the lens of the Cuban experience. Special focus on the evolution of the Cuban regime and the evaluation of its performance. Additional topics include the analysis of U.S. policy toward the Castro government. Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* Political Science 335 or consent of instructor.

1 unit — Lindau

**PS337** Power and Everyday Life

How do the spaces in which people live and work shape their identities? How do strategies of agency and resistance interact with contexts of domination? Students will obtain training in ethnographic methods and interviewing techniques. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**PS338** Language and Power

In the words of George Orwell, 'political language is designed to make lies sound truthful and murder respectable.' This course examines different uses of language in political life. Why is speaking political? How does language frame reality? We will study cases of political language, including: political discourse of the Third Reich in Nazi Germany, Communist-era propaganda in the Soviet Union, the tweets of President Trump, and more. (Not offered 2020-21).

1 unit

**PS339** The Politics of Sub-Saharan Africa

Africa's diverse social and geographic landscape offers rich intellectual opportunities for the student of politics. This course broadly seeks two goals: to teach as much information as possible about Africa's politics and to provide a continent-wide theoretical framework. This course satisfies the comparative politics requirement for the Political Science major (Not offered 2020-21).

1 unit

**PS342** Intervention, the Drug War and Human Migration: The U.S.-Latin American Relationship

The U.S.-Latin American Relationship: Explores the evolution of the U.S.- Latin American relationship over the last century. Focuses primarily on overt and covert intervention; the genesis and evolution of the drug war; and, the impacts of human migration. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Lindau

**PS344** Realism and Idealism in Political Philosophy

We will reconsider the commonly used terms 'idealism' and 'realism,' 'theory' and 'practice' in light of prominent works of political philosophy that are devoted to the study of human aspirations to peace and justice in both domestic and international politics. Through an attentive reading of Machiavelli's infamous work *The Prince* (and selected readings) we will consider how a philosophical or radical realism can give birth to a daring venture, both ruthless and humane, to revolutionize both political thought and practice. Then, by way of a careful interpretation of Plato's *Republic*, we will consider how philosophical engagement with political 'idealism' can give rise to a kind of thoroughgoing realism, and a complete transformation of our moral and political aspirations.

1 unit

**PS348** Conduct of Russian Foreign Policy

Investigates competing narratives explaining Russia's patterns of conflict and cooperation with the West. An in-depth empirical study of the historical record enables students to develop an informed, critical analysis of Russian foreign policy. (Not offered 2020-21).

1 unit

**PS350** Theories of the Contemporary International Politics.

Surveys contending theories of the contemporary global system, with attention to topics such as globalization, U.S. hegemony, regional conflict, the just war, and the environment. (Not offered 2020-21).

*Prerequisite:* Political Science 209, 225 or consent of instructor.

1 unit

**PS355** Authoritarianism

The vast majority of humans throughout history have lived in undemocratic regimes. What is authoritarianism? How do we define and identify authoritarian regimes? How do they work, and under what circumstances do they collapse? Through case studies, fiction, memoir, and theory, this course explores authoritarian politics at both macro and micro levels.

1 unit — Fenner

**PS356** Global Environmental Policy

An interdisciplinary analysis of environmental policy formulation and regulation at the international level. Examines the negative impact of human activity upon complex ecosystems and the 'global commons,' and analyses the efficacy of international regimes, such as the Kyoto Protocol. Debates the linkages between environmental change, prosperity, and conceptualizations of security. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).



1 unit

**PS366** Politics of Global Health

Analyzes the relationship between domains of public health, global governance and international development. Examines how health, effective governance and poverty alleviation combine to create virtuous spirals that accelerate trajectories of international development. Examines the relationship between health and human rights and effect of health on international security. (Not offered 2020-21).

*Prerequisite:* Political Science 209 or Political Science 225.

1 unit

**PS371** Political Thought from Kant to Nietzsche

Examination of works fundamental to the development of modern political philosophy, including Kant, Hegel, Marx, Mill and Nietzsche.

1 unit — Fuller

**PS372** Political Thought Since Nietzsche

Reading of major essays in political thought from Nietzsche to the present including such thinkers as Hannah Arendt, Friedrich Hayek, Pierre Manent, Michael Oakeshott, Leo Strauss and Eric Voegelin. (Not offered 2020-21).

*Prerequisite:* Junior standing or consent of instructor.

1 unit

**PS375** Introduction to International Political Economy

Examination of classic and modern conceptions of political economy. Emphasis on understanding theory and applying it to explain political and economic outcomes within states and among states in the international arena. Open to declared junior International Political Economy majors, and to others with consent of instructor.

*Prerequisite:* Economics 201.

1 unit — Kapuria-Foreman

**PS377** Global Politics of Energy and Climate Change

Explores the effects of fossil fuels, nuclear and various renewable energy technologies on carbon emissions. Investigates the political and technological challenges to climate mitigation and adaptation, examines the projected perils that climate change poses to international security, and analyzes shortcomings in global governance that obstruct coherent solutions to climate change. (Not offered 2020-21).

*Prerequisite:* Political Science 209 or Political Science 225.

1 unit

**PS380** Constitutional Law in United States Politics

Examines (1) the political and social dynamics and interpretive methods that shape the constitutional decisions of the U. S. Supreme Court, and (2) the political impact of the Court's constitutional decisions and doctrines on political and social conditions. Emphasis given to the shift from judicial concern with governmental structures and powers to the contemporary concern with individual and group rights. 1 unit

*Prerequisite:* consent of instructor or Political Science 200.

1 unit — Edlin

**PS381** Political Research and Analysis

This course introduces students to the foundational concepts, questions, and debates in political science research methods. At its core, this course is designed to demonstrate how the choices one makes about research design and methods have significant consequences; the way that we ask research questions (and the choice about which questions to ask), the methodology that we use, and the way that we analyze the data all influence our 'knowledge' about politics and society.

1 unit — Coggins, Wolfe

**PS385** Rousseau Contra Nietzsche

The writings of Jean-Jacques Rousseau and Friedrich Nietzsche - as penetrating as they are eloquent, as radical in their philosophical explorations as they are revolutionary in their moral and political implications – continue to have a profound influence on our age. Both Rousseau and Nietzsche leveled scathing critiques at emergent modernity and incisively detailed its powerful but corrupting effects on our lives, while painting competing visions of how to ennoble modern values, politics and culture. Yet they seem to do so as polar opposites; indeed, Nietzsche directs his immense rhetorical firepower at Rousseau as a thinker who fostered values - values central to us now - that would only serve to deepen the problems that concern him. Nietzsche's condemnation of Rousseau, however, is the obverse of his high regard for the latter as the originator of one of the most profound alternatives to modernity. The course will seek to enter into this great contest through an attentive reading of a number of Rousseau's and Nietzsche's fundamental texts. (Not offered 2020-21).

1 unit

**PS402** Independent Research in Political Science

A project normally organized around preparation of a substantial paper. Proposed and carried out at student initiative, under supervision of a department faculty member, in an area in which the student has already completed basic course work. (May also be listed as North American Studies 402 if emphasis is on Canada.)

.5 to 2 units

**PS403** Independent Study:

1 unit — Grace, Sorace

**PS404** Tutorial in United States Politics

A directed research project on a topic of the student's choice. The project might involve an extended research paper, empirical research designed to test a hypothesis or describe some phenomena, a theoretical study of a political thinker or institution of government, or some combination of these. 1 unit.

1 unit — Coggins, Edlin, Wolfe

**PS408** Tutorial in Political Theory

May be taught as a block course or as an extended format year-long course.

1 unit — Fuller

**PS410** Tutorial in International Relations

1 unit — Derdzinski

**PS412** Tutorial in Comparative Politics

1 unit — Fenner, Lindau, Sorace

**PS419** Seminar in Political Philosophy:

A semester long intensive study of advanced texts and topics in political philosophy. The seminar takes one of two forms: *Morality of Power*. Examines various accounts and defenses of the human interest in the pursuit of power; what constitutes power; and the relations among power, political rule, and justice. *Philosophy and Politics in Post-modernity*. An introduction to radical changes in philosophic thinking and their potential significance for our understanding of American politics and its principles. This introduction will take place, in part, through a debate with a modern approach to philosophy, politics and morals, including a consideration of its possible connection to Nihilism.

*Prerequisite:* consent of instructor.

.5 unit

**PS424** History-Political Science Thesis

*Prerequisite:* Consent of both Departments.

2 units

**PS450** Political Science Thesis

Thesis on a subject chosen by the student with approval from the department. Independent-study format with regular consultation between student and faculty supervisor.

1 unit — Edlin, Fuller, Grace

**PS470** Tutorial in International Political Economy

Focuses on the historical development and current role of international institutions and

multilateral treaties in the regulation of the world economy and environment, with emphasis on the impact of and challenges presented by globalization. Students write a substantial paper exploring some aspect of this interaction, but have considerable freedom in defining their research agenda.

*Prerequisite:* IPE major or consent of instructor.

1 unit — Gould

### **PS490** Political Economy Distinction Thesis

Optional for majors in American Political Economy and International Political Economy, upon application to, and approval of, the departments of Political Science and Economics and Business. (Must be taken in conjunction with Economics 491 for a total of 2 units.)

1 to 2 units

## **Psychology**

*Applicable for the 2020-2021 academic year.*

**Psychology Website** (<http://www.coloradocollege.edu/academics/dept/psychology/>)

Professors DRISCOLL, ERDAL, HORNER, JACOBS, ROBERTS (chair), WATERS;  
Associate Professors CHAN; Assistant Professor WEAVER; Visiting Associate Professor MARTIN.

Consistent with the liberal arts tradition, the Psychology Department at Colorado College is dedicated to providing an academic program that helps students develop the necessary skills and knowledge for achieving an intellectually enriched life, preparing them for both graduate studies and professional work. The psychology department provides broad coverage of academic psychology, emphasizing empirical research and a scientific understanding of human and non-human animal behavior. Psychology majors are expected to gain methodological competence in a variety of research techniques, which are introduced in research design and elaborated in the upper-level courses. Ethical responsibility is inherent in psychology, both in the treatment of research participants (human and non-human) and in the preparation of academic and professional work, and psychology majors are trained to uphold these principles. Psychology majors acquire a knowledge base in core areas of psychology, with an expectation for depth of inquiry in advanced study. Majors are expected to demonstrate effective oral and written communication and to show critical evaluation of assumptions and evidence regarding psychological phenomena.

### **Major Requirements**

**Major Requirements** (instituted 2016-17 and going forward)

Download the printer-friendly summary of the **Psychology Major Requirements**.

### **Grading Requirement**

A grade of C-minus or better is required for all courses used to fulfill the major. If a lower grade is received for a required course, the course must be repeated. Grades of D, D+, or CR may count toward graduation requirements but NOT toward major requirements.

(See "Credit and Grades" in the Academic Policies section of the Catalog of Courses.)

### Required Courses

A minimum of 12 courses over 13 blocks are required to complete the major - Ten (10) courses from within the Department of Psychology and two (2) courses from outside the department. These courses are listed below.

**Note: Any substitutions or transfer courses must be approved by the psychology department.**

**(Submit your petitions to the department chair.)**

1. **ONE** Introduction to Psychology course:

PY100: Introduction to Psychology: Bases of Behavior OR

PY101: Introduction to Psychology: Enduring Ideas and Present Principles (2 block FYE) OR

PY105: Introduction to Psychological Science

2. **ONE** Methods and Statistics course:

PY202: Research Design (2 blocks)

3. **FIVE** "Core" Psychology courses, one from each content area, plus one:

A) **PY296** Functional Neuroscience\*...OR...**PY299** Neuroscience (2 blocks)\*<sup>t</sup>

B) **PY281** Personality\* ...OR... **PY362** Abnormal Psychology

C) **PY309** Social Psychology ...OR... **PY374** Lifespan Developmental Psychology

D) **PY332** Learning and Adaptive Behavior ...OR... **PY344** Cognition

...OR... **PY321** Perception

+1 Core (from those listed here)<sup>t</sup>

\* PY202 is a prerequisite for all Core courses except for PY281, PY296, and PY299.

<sup>t</sup> Because it is a 2 block course, PY299 can count as a core course and the +1 requirement.

4. **TWO** **400-Level** Psychology Department seminar courses

Thesis courses (PY451, PY452, PY453, PY454) are not seminar courses and do not satisfy this requirement.

5. **ONE** Block of Research Experience (PY251 or PY451)

**PY251** Psychological Investigations

**PY451** Final Project

6. **ONE** Mathematical Competency course:

**MA125** Pre-Calculus & Calculus ...OR... **MA126** Calculus ...OR... **CP115** Computational Thinking ...OR... **CP122** Computer Science I

Advanced Placement (AP) and/or International Baccalaureate (IB) credit may be used to fulfill the Mathematical Competency requirement.

7. **ONE** Scientific Breadth course

Any non-psychology course from the Natural Sciences Division: Molecular biology, organismal biology and ecology, chemistry, geology, mathematics, physics, or human biology and kinesiology (not including adjunct certification courses).

Some **environmental science (EV)** courses, excluding policy courses, and some **Studies in the Natural Sciences (NS)** courses may fulfill this requirement. Consult with the psychology department about whether specific EV or NS courses qualify before enrolling.

**MA117** (Probability and Statistics) cannot be used to fulfill this requirement.

Advanced Placement (AP) and/or International Baccalaureate (IB) credit cannot be used to fulfill this requirement.

**Course Sequencing**

The program of study for the psychology major is highly structured with most courses requiring the completion of key prerequisites. For this reason it is important to carefully plan your progression through the major and begin completing prerequisite courses early.

*First Year:*

PY100 Intro. (or PY101 or PY105) is a prerequisite for all required courses in the major.  
Recommended: Take an intro course during the first year.

*First or Second Year:*

Completing PY100 (or PY101 or PY105) allows access to required courses:  
PY202, PY281, and PY296 or PY299.

Recommended: You may take these 200-level courses during the the first or second year.

*Second and Third Years:*

Completing PY202 allows access to required courses: PY362, (PY309 or PY374), (PY321, PY332 or PY344).

Complete PY296 or PY299.

Recommended: Complete all five Core courses during the second and third year. Seek PY251 opportunities where available.

*Third and Fourth Years:*

400-level seminars generally require an intro course, PY202, and an additional Core course.

Recommended: Take 400-level seminars during the third or fourth years.

PY251 Psychological Investigations requires Intro Psych, PY202, and Consent of Instructor (COI) and may be taken any year.

PY451 Final Project requires Intro Psych, PY202, and Consent of Instructor (COI) and is usually taken during the fourth year.

## Courses

### Psychology

#### **PY100** Introduction to Psychology: Bases of Behavior

Examination of psychological phenomena from biobehavioral and sociobehavioral perspectives. Contemporary issues in psychology such as intelligence, development, perception, learning, abnormal behavior, language, and social behavior are explored. Scientific methodology and its application to psychological phenomena are stressed. (Meets the laboratory/field requirement for natural sciences.) (No credit if taken after 101.) Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

1 unit — Erdal, Horner, Martin

#### **PY101** Introduction to Psychology: Enduring Ideas and Present Principles

Psychological concepts traced from Plato, Aristotle, Hippocrates, through the Middle Ages, and Renaissance, to the 19th and 20th centuries. Current psychological data and theory, ranging from brain mechanisms to learning, motivation, cognition, personality and social psychology. (Meets the laboratory/field requirement for the natural sciences.) (No credit if taken after 100.) Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Not offered 2020-21).

*Prerequisite:* No credit if taken after 100.

1 to 2 units

#### **PY105** Introduction to Psychological Science

Examination of psychological phenomena from biobehavioral and sociobehavioral perspectives. Contemporary issues in psychology such as intelligence, development, perception, learning, abnormal behavior, language, and social behavior are explored. Scientific methodology and its application to psychological phenomena are stressed. (No credit if taken after 100 or 101.) Does not fulfill the lab/field requirement. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

*Prerequisite:* No Credit if taken after Psychology 100 or Psychology 101.

1 unit — Horner, Martin, Roberts, Waters

#### **PY116** Cultural Psychology

Introduces students to the theories and methods of studying culture and psychology. Focus is on psychological research that links culture to mental processes and the comparative

study of cultural effects. Several topics are covered: development and socialization, self and personality, diversity and multicultural ideologies, ethnic and racial identities, bi/multiculturalism and intersectionality, stereotyping and bias, enculturation and acculturation, intergroup contact, motivation, cognition and perception, judgement and decision making, close relationships, emotion and mental health, and morality and justice. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**PY120** Psychoanalysis and Psychotherapy: Discovering the Unconscious

Major psychoanalytic perspectives of the late 19th and 20th centuries on the concept of the unconscious in theory, case studies, and fiction. Emphasis on unconscious processes as they relate to the formation of identity. Reading from such authors as Freud, Jung, Klein, Winnicott, Kohut, and Yalom.

1 unit

**PY123** Identity and Incarceration: Japanese Americans during WWII

WWII presented a unique set of social and identity-based challenges for Japanese Americans. We examine the manner in which the events of WWII influenced Japanese American identity. We also examine the perspectives of policy makers and non-Japanese Americans. The course includes a field trip.

1 unit — Weaver

**PY130** Gazing in Italy:

What does it mean to “gaze?” What can psychological theories and research about emotion expression and empathy tell us about how and what we see in works of art such as frescoes, paintings, portraiture and sculpture? How is our appreciation of art embodied? How do expressive features in art works of the Renaissance tell a story about the emergence of individuality? How are genders depicted differently in such art works, and how do socio-cultural norms, values and beliefs about gender influence how we see the faces, bodies and emotions of others portrayed in art? How does our “gazing” itself proscribe and police the faces, bodies and emotions we see depicted in art and the real humans we see in the world? These are the questions that will guide our studies in both a classroom and in the “laboratory” of the museums, chapels, galleries, gardens and squares of Florence, Italy. (Not offered 2020-21).

1 unit

**PY135** Introduction to Behavioral Game Theory

Whenever people make decisions that depend upon what others do or are expected to do, they are playing games. Game theory explores how people should play games in order to achieve the best outcome. However, failing to employ an optimal strategy can reveal a great deal about the psychological processes involved in decision making. This course offers an introduction to game theory and explores why people fail to make optimal decisions. (Cannot be taken for credit after PY 435.) Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2020-21).



1 unit

**PY143** Psychology of Gender

An examination of research and theory on psychological gender differences and similarities. This course will explore the ways in which gender is a system of meanings that operate at the individual, interactional, and cultural level to structure people's lives. Special attention is made to methodological issues, and to feminist critiques of traditional methods of data collection, analysis and interpretation. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Psychology 100 or 101 or 111 or consent of instructor.

1 unit

**PY160** Women & Madness

What does it mean to be 'mad'? Is madness in the eyes of the beholder? This course examines the concept of madness as it has been applied to women from historical, psychological, social and feminist perspectives. Our goal will be to critically examine the diagnostic criteria used by the psychiatric community and popular culture to define deviance. Using case material we will investigate the 'logic' of madness, asking to what extent madness might be a reasonable response to unreasonable conditions? The course will include a careful consideration of the rising use of psychopharmacology, particularly in the treatment of depression in women. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Waters

**PY162** The Non-human Animal Mind

Introduction to cognitive ethology, with a focus on non-human animal cognition, emotion, and communication systems. Several species are examined, including parrots, corvids, elephants, non-human primates, and dolphins. Emphasis placed on formal, academic writing. 1 unit. (Not offered 2020-21).

1 unit

**PY178** Topics in Psychology:

Introduction to a problem of classic or contemporary interest covering source material in depth, and stressing history, theory and method.

1 unit — Chan

**PY182** The Psychology of Prejudice and Intergroup Relationships

What are racism and sexism? Why are people prejudiced? What can be done to improve the strained relationship between groups? This course will introduce students to various frameworks for understanding prejudice, intergroup perception/relations, and the management of conflict between social groups. Students will examine case studies, psychology theories, and will think about their own perceptions of and interactions with people from different social groups. Students will also reflect on the notions of

multiculturalism and social justice. (Proposed cross-listing with American Cultural Studies.)  
Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **PY183** Psychology of Environmental Conservation

Introduction to how psychological processes influence behaviors that help or hurt the environment, and how psychology can help encourage environmental conservation. Readings will be drawn from all areas of psychology. Investigates psychological theories relevant to environmental conservation and how to design research-based interventions to promote conservation. (Not offered 2020-21).

.5 unit

### **PY202** Research Design

Introduction to basic statistics and to research methods in the context of psychological research. Principles of experimental designs and analysis will be taught, especially the use and interpretation of inferential tests. Also included will be psychological topics that rely on correlation and linear regression, and principles of psychological testing. Students design, conduct, and write up their own experiment. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Psychology 100 or 101 or 105 or 111.

2 units — Chan, Driscoll, Weaver

### **PY207** Measuring Individual Differences with Psychological Tests

The course introduces students to principles of psychological tests that are used in making decisions in educational, business, legal, and medical settings. Principles to be considered include test reliability, validity, ethics of assessment, and steps in developing psychological tests. Some specific aptitude, achievement, intelligence, and personality tests will be studied in addition to behavioral assessment. An aim of the course is to make students critical consumers of methods of psychological assessment. (Not offered 2020-21).

*Prerequisite:* One of Biology 220, Economics 200, Mathematics 117, Psychology 202 or Sociology 228.

1 unit

### **PY251** Psychological Investigations:

Research in an area supervised by a faculty member. The project may be a review of the literature or a research apprenticeship with a faculty member.

*Prerequisite:* consent of instructor & Psychology 100 or 101.

.5 unit — Chan, Driscoll, Erdal, Horner

### **PY252** Psychological Investigations

Research in an area supervised by a faculty member and completed in its entirety in a single

block. The project may be a review of the literature, a research apprenticeship with a faculty member that may include participant runs, data analysis or lab work, or a directed field study.

*Prerequisite:* consent of instructor & Psychology 251.

1 unit

### **PY253** Psychological Investigations

Research in an area supervised by a faculty member and completed in its entirety in a single block. The project may be a review of the literature, a research apprenticeship with a faculty member that may include participant runs, data analysis or lab work, or a directed field study.

*Prerequisite:* consent of instructor & Psychology 252.

1 unit

### **PY270** Educational Psychology: The Science and Art of Teaching

Explores the intersection of developmental psychology and learning theories from early childhood through adolescence. Across the course, the focus is on understanding which developmental milestones facilitate learning, how people learn, and what teachers do to capitalize on students' cognitive and social skills. Issues of development and learning will be discussed with reference to continuity, sources of development, and classroom practices. It is strongly recommended students take this course after ED260 or equivalent research methods course.

*Prerequisite:* consent of instructor & Education 101 and Education 210 or Education 211, or Education 218, or Education 222, or Education 225, or Education 235, or Education 255.

1 unit — Arias

### **PY281** Personality

This course will be an in-depth exploration into the lives and theories of a number of influential personality theorists. We will cover several theories from their earliest versions, through changes and modifications with time and research, in order to explore the process of theory-building with respect to understanding people. We will also delve into a number of scientific controversies surrounding personality. For example, what units shall be used to measure personality? Are humans more the product of their dispositions or of the situations in which they find themselves? Is the concept of the self useful and necessary? What is the unconscious? Why do or don't people change?

*Prerequisite:* Psychology 100 or 101 or 111.

1 unit — Roberts

### **PY296** Functional Neuroscience

An introduction to the neural bases of behavior, cognition, and emotion. Focus is on neurofunctional systems involved in information processing, plasticity, endocrine

regulation, sensation and perception, learning and memory, motivation, and motor systems. Cannot be taken after PY299.

*Prerequisite:* Psychology 100 or Psychology 101 or Psychology 111, or Molecular Biology 131 or Consent of Instructor. Cannot be taken after Psychology 299.

1 unit — Jacobs

### **PY299** Neuroscience

An in-depth exploration of neuroanatomy, neurophysiology, and neuropharmacology. The neural substrates and functional underpinnings of processes such as sensation, movement, emotion, memory, and (sub)cortical processing are examined.

*Prerequisite:* Psychology 100 or Psychology 101 or Psychology 111, or Molecular Biology 131, or Consent of Instructor.

1 or 2 units — Driscoll, Jacobs

### **PY300** Topical Issues in Psychology:

Provides students with the opportunity to explore topical areas of psychology in depth, study the current literature, and conduct empirical research. (Not offered 2020-21).

*Prerequisite:* Psychology 202.

.5 to 1 unit

### **PY309** Social Psychology

Social psychology is the scientific study of the way people think, feel, and behave in social situations. Topics include attitudes and persuasion, conformity and obedience, social cognition, aggression, prejudice, self-justification, and attraction, with emphasis on critical thinking about integrating theory, research, and everyday situations.

*Prerequisite:* Psychology (100, 101, 105 or 111) and 202 or consent of instructor.

1 unit — Weaver

### **PY318** Topical Issues in Neuroscience

This half-block course provides students with the opportunity to explore topical areas of neuroscience through current publications. These readings will consist of recent trade books, review articles, journal articles, and/or neuroscience information in the popular press. The course will be conducted in a seminar format with heavy emphasis on discussion of the relevant readings. May be repeated multiple times for credit. (Half block) 0. (Not offered 2020-21).

*Prerequisite:* Psychology 298. Does NOT count toward Neuroscience major.

.5 unit

### **PY321** Perception

A research-based analysis of perceptual processes associated with vision, audition, somatosensory, and the integration of these senses. Emphasis will be placed on psychophysical methods and experimental techniques used to investigate sensation and perception. Lecture, discussion and laboratory.

*Prerequisite:* Psychology 202 or consent of instructor.

1 unit — Horner

### **PY332** Learning & Adaptive Behavior

Functional relations between animal and environment that defines learning. The course emphasizes the significance of behavior and plasticity in adaptation and concentrates on learning and how evolutionary processes affect learning. Experimental work involves a range of animals. Lecture, discussion and laboratory. (Not offered 2020-21).

*Prerequisite:* Psychology 202 or consent of instructor.

1 unit

### **PY344** Cognition

The process of knowing explored from an empirical perspective. Topics include remembering, thinking, categorizing, meaning, representing, problem solving, imaging, sensing, perceiving and acting. The course has a significant laboratory component of original research using human subjects.

*Prerequisite:* Psychology 202.

1 unit — Horner

### **PY362** Abnormal Psychology

Surveys major psychological disorders as scientific as well as sociocultural constructs. Prevalence, assessment, causal factors, treatment approaches, and the legal and ethical implications of 'abnormality' are addressed.

*Prerequisite:* Psychology 100 or 101 or 105, 202.

1 unit — Erdal

### **PY363** Science and Pseudoscience in Clinical Psychology

An investigation into the efficacy claims of controversial assessment techniques, diagnoses, and forms of psychotherapy. Assessment of whether claims are empirically supported according to scientific as well as legal standards of evidence. The Commercialization of mental health treatments will also be addressed.

*Prerequisite:* Psychology 100.

.5 unit — Erdal

### **PY374** Lifespan Developmental Psychology

A research-based analysis of perspectives, issues, and influences on human development from conception to death. Content areas to be examined include aspects of cognitive, social-emotional, and physical development. Course combines lecture, discussion and laboratory work.

*Prerequisite:* Psychology 202.

1 unit — Waters

**PY406** Topical Seminar:

For advanced students to do intensive study in a special area of current faculty interest.

*Prerequisite:* Psychology 201, & 374 or 382.

1 unit

**PY407** Topical Seminar:

For advanced students to do intensive study in a special area of current faculty interest.

*Prerequisite:* Psychology 201, & 374 or 382.

1 unit

**PY408** Topical Seminar:

For advanced students to do intensive study in a special area of current faculty interest.

*Prerequisite:* Psychology 202.

1 unit — Chan, Weaver

**PY409** Social Cognition

An examination of three important areas of social cognition: (1) basic cognitive processes such as automatic perception, and schematic versus controlled thinking; (2) stereotyping and prejudice from the perceivers' and targets' perspectives; (3) social cognitive processes related to culture, power and well-being. (Not offered 2020-21).

*Prerequisite:* Psychology 202 and either Psychology 309 or Psychology 344, or consent of instructor.

1 unit

**PY412** Human Neuropsychology

An in-depth consideration of the functional organization of the human central nervous system. General topics explored include neurology (e. g., language, spatial memory, sensorimotor, and emotional disorders), brain imaging techniques, and neuropsychological assessment. Field experience with brain-damaged/impaired individuals.

*Prerequisite:* Psychology 202 and 296 or 299.

1 unit — Erdal

**PY413** Developmental Psychopathology

An empirically-based survey of the prevalence, etiology, course and treatment of child and adolescent psychological disorders. Biological and sociocultural aspects of psychopathology are addressed and ethical implications of common treatment strategies are discussed. (Not offered 2020-21).

*Prerequisite:* Psychology 202 and 374 ( 362 or 297 recommended).

1 unit

**PY419** Neuroscience Methods

Introduction to basic neuroscience laboratory and research methodology. Students will gain experience in nonhuman behavioral analyses, drug administration, and perfusion techniques; tissue preparation, histology, and sectioning; quantitative neuromorphology and stereology techniques. (Not offered 2020-21).

*Prerequisite:* Psychology 202, Psychology 298, and consent of instructor.

1 unit

**PY420** Cognitive Neuroethology

This course provides an overview of cognitive ethology (the study of animal behavior/cognition in the natural environment), with a focus on the underlying neural structures and non-human animal communication systems. Several species will be examined, including, birds, non-human primates, elephants, and cetacea. In addition, the course will explore attempts to teach non-human animals human-based artificial languages. (Not offered 2020-21).

*Prerequisite:* Psychology 202, 297 and 298.

1 unit

**PY422** Emotion

An in-depth exploration of the scientific research on emotion, paying particular attention to new theoretical frameworks, and new experimental investigations into the nature of emotional experience and expression.

*Prerequisite:* Psychology 202, 281 or 309, or consent of instructor.

1 unit — Roberts

**PY422** Emotion

An in-depth exploration of the scientific research on emotion, paying particular attention to new theoretical frameworks, and new experimental investigations into the nature of emotional experience and expression.

*Prerequisite:* Psychology 202, 281 or 309, or consent of instructor.

1 unit — Roberts

**PY423** Psychology of Morality and Conflict

This course will examine questions of morality, moral behavior and conflict in humans and non-humans from a wide variety of angles within psychology. We will place special emphasis on social psychology's efforts to unravel the causes and consequences of 'evil.' Finally, we will conduct an in-depth analysis of a current area of moral and political conflict - capital punishment, abortion, global sustainability, etc. - in an effort to apply the lessons learned from psychology to its resolution. (Not offered 2020-21).

*Prerequisite:* Psychology 202, 281 or 309.

1 unit

**PY425** Depression

An examination of the etiology, course and treatment of affective disorders. Risk factors in the onset of depressive disorders are investigated, including biological and genetic contributions, environmental and familial factors, and individual differences or personality factors. Distinguishing features of the multiple forms of depression are examined, as well as differences in the prognosis and treatment of these various forms. The impact of depression on health, relationships and family systems, and cultural and gender issues in etiology and treatment are explored. (Not offered 2020-21).

*Prerequisite:* Psychology 202, 362 or consent of instructor.

1 unit

**PY426** Sport Psychology

An exploration of psychological variables that impact sport participation and behavior in sport settings. Applied, experimental, and clinical aspects of sport psychology are covered in a discussion-based format. Specific topics, which originate from core psychological principles, include but are not limited to sport-related motivation, superstition, and anxiety, the use of imagery and drugs, and how age, gender, race, and spectators impact sport.

*Prerequisite:* Psychology 202, 3 core courses in PY.

1 unit — Erdal

**PY427** Moral Reasoning in Context

This course is a community-based learning experience in which students examine the psychology of morality from developmental, social and clinical perspectives. Readings range from historical and philosophical renderings of morality to recent empirical investigations of moral development and prosocial behavior. A 6-8 hour/week internship combined with journal entries, short papers, and a final research paper provide opportunities for students to integrate psychological research as it is reflected in community practice. (Not offered 2020-21).

*Prerequisite:* Psychology 202, 374 or 309.



1 unit

**PY430** Adolescence

Is 'storm and stress' a normal part of adolescence? Is adolescence a discrete developmental stage or a social construction? This course examines the adolescent experience from theoretical, empirical, cross-cultural, and biographical perspectives. A case analysis approach is used to examine the implications of cognitive, socio-emotional and physical changes that occur during adolescence. The course investigates the nature of the adolescent passage in its typical and atypical forms and examines socio-cultural factors that contribute to healthy or maladaptive adolescent development.

*Prerequisite:* Psychology 362 or 374.

1 unit — Waters

**PY433** Neuropharmacology

Neuroscience is based on the premise that thoughts, sensations and actions are, at some level, encoded in chemical and electrical signals. This course explores central nervous system pharmacology at multiple levels, including the cellular and molecular bases of neurochemical signaling and its modulation, mechanisms of action of pharmacological agents on neurotransmitter system dynamics, and foundations of behavioral pharmacology. Having covered these fundamentals, the course explores current topics, including cellular models of learning and memory, pharmacology of neurological diseases and their treatment, and drug abuse and dependence.

*Prerequisite:* Psychology 202, 297 and 298.

1 unit — Driscoll

**PY433** Neuropharmacology

Neuroscience is based on the premise that thoughts, sensations and actions are, at some level, encoded in chemical and electrical signals. This course explores central nervous system pharmacology at multiple levels, including the cellular and molecular bases of neurochemical signaling and its modulation, mechanisms of action of pharmacological agents on neurotransmitter system dynamics, and foundations of behavioral pharmacology. Having covered these fundamentals, the course explores current topics, including cellular models of learning and memory, pharmacology of neurological diseases and their treatment, and drug abuse and dependence.

*Prerequisite:* Psychology 202, 297 and 298.

1 unit — Driscoll

**PY435** Behavioral Game Theory

Game Theory is used in a variety of fields to explore how people (and other animals) should make decisions when the actions of others are involved in the outcome. Game theory can tell us the optimal solution in these kinds of interactions. However, failing to employ an optimal strategy can reveal a great deal about the psychological processes involved in decision making. This course offers an introduction to game theory and explores why

organisms fail to make optimal decisions. (Cannot be taken for credit after PY 135.) Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2020-21).

*Prerequisite:* Psychology 202, and either 309, 332 or 344.

1 unit

### **PY437** Evolutionary Psychology

This course explores the impact of natural selection on human and animal behavior. It begins with an overview of evolutionary processes and covers such topics as: emotion, morality, mate selection, learning, altruism, parent-offspring interaction, ownership and irrationality. The course focuses on primary reading from Darwin through contemporary scholarship in biology and psychology. Critiques of this approach are also discussed.

*Prerequisite:* Psychology 202, 3 core courses in Psychology, or consent of instructor.

1 unit — Horner

### **PY439** Language and Thought

Languages differ dramatically in how they carve up the world. Do these differences lead speakers of different languages to think about the world differently? Or might they instead point to underlying commonalities in human thought? Critical evaluation of classic arguments and recent empirical research on these and related questions (Not offered 2020-21).

*Prerequisite:* Psychology 202 and Psychology 344 or consent of instructor.

1 unit

### **PY449** History and Systems of Psychology

Modern and contemporary scientific issues as they pertain to psychology. Historical origins of these issues. Topics such as mathematical models, psychophysics, cognitive psychology, CNS theories, the logic of science and Gestalt theory discussed within the context of the correspondences between constructs and events. (Not offered 2020-21).

*Prerequisite:* Psychology 202 & 3 core courses in PY or consent of instructor.

1 unit

### **PY451** Final Project:

In depth exploration of a particular topic under the supervision of a faculty member. A final project may take several forms: (a) supervised independent research leading to a publishable paper, (b) a review of the literature to address a particular issue, or (c) directed field study.

*Prerequisite:* consent of instructor & Psychology 202.

1 unit — Chan, Driscoll, Erdal, Horner

### **PY452** Final Project:

In depth exploration of a particular topic under the supervision of a faculty member. A final project may take several forms: (a) supervised independent research leading to a publishable paper, (b) a review of the literature to address a particular issue, or (c) directed field study.

*Prerequisite:* consent of instructor & Psychology 202.

2 units — Waters

### **PY453** Final Project

In depth exploration of a particular topic under the supervision of a faculty member. A final project may take several forms: (a) supervised independent research leading to a publishable paper, (b) a review of the literature to address a particular issue, or (c) directed field study.

*Prerequisite:* consent of instructor & Psychology 202.

1 unit

## **Race, Ethnicity, and Migration Studies**

*Applicable for the 2020-2021 academic year.*

**Race, Ethnicity, and Migration Studies Website** (<https://www.coloradocollege.edu/academics/dept/raceethnicitymigration>)

Professor LEE (co-director), Associate Professor CHAN (co-director), Assistant Professors RATCHFORD, MCKAY, SAWYER

Race, ethnicity, and migration studies inform disciplines in the sciences, humanities, and social sciences as fundamental categories that produce and inflect knowledge. This interdisciplinary, multidisciplinary, and transnational major prepares students to develop questions, knowledge, and research methodologies that contribute to and challenge a complex, globally connected world.

In the best tradition of the liberal arts at Colorado College, the major bridges the gap between theory and practice and classroom and community. Students explore how race, ethnicity, class, gender, and sexuality are lived realities and shape history, geopolitics, culture, economies, and domestic and international policy. Students majoring in this program gain historical knowledge as well as a critical understanding of historiography and its impact on marginalized populations.

### **Major Requirements**

#### **The Major**

##### *Core Courses*

RM 185 Introduction to the Comparative Study of Race and Ethnicity

RM 212 Theories of Race and Ethnicity

RM 218 Critical Analysis of Quantitative Data

RM 215 Research Design: Method and Theory

RM 499 Senior Project: A research based, comparative, and intersectional analysis grounded in critical theories of race, ethnicity, and migration.

*6 electives*

Students will work closely with their major advisor to develop a course of study that addresses their interests and commitments. Elective courses must be cross-listed with REMS or approved by the director. Students may not take more than 3 elective courses at the 200-level to fulfill the major.

TOTAL: 11 Units

## Minor Requirements

### The Minor

1. RM 185 Introduction to the Comparative Study of Race and Ethnicity
2. RM 212 Theories of Race and Ethnicity
3. RM 218 Critical Analysis of Quantitative Data or another method course approved by advisor

Two courses in REMS approved by advisor

## Courses

### Race, Ethnicity, and Migration Studies

#### **RM104** World Music

Surveys the musical cultures of the world in their social, historical, and theoretical contexts; develops comprehension of the essential philosophies and aesthetics of the music studied and the ability to identify, describe, and discuss various musical styles, compositional forms, and techniques through listening and performance exercises; emphasizes an interdisciplinary approach. (Not offered 2020-21).

1 to 2 units

#### **RM113** Racial Inequality

The study of race as a dimension of inequality in the United States, Western Europe, Africa and Latin America. Individual and institutional forms of racism and discrimination. Historical, comparative and theoretical perspectives. (No credit if taken after SO/CS233). Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Wong

#### **RM116** Global Inequality

This course introduces the global roots and dimensions of recent social change emphasizing development as a transnational project designed to integrate the world. Economic and

political globalization and the powerful counter-movements responding to rising inequality in the global south are explored during the course. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Popkin

**RM120** The American Past

Two block course that introduces the full sweep of American History from its pre-contact, 'New World' beginnings to the recent past. Students will experience how history is made, understood, revised, and debated. Themes include cultural encounters and adaptation complexities of ethnicity and immigration; movement; the success and failures of republican ideology, capitalism, individualism and community; and the formation of American cultures. (Not offered 2020-21).

2 units

**RM130** World Music Ensemble: Mariachi Tigre

(Not offered 2020-21).

.25 unit

**RM175** The American Southwest: The Heritage and the Variety

An interdisciplinary and intercultural introduction to the heritage of the American Southwest: its histories, its peoples, its cultures, its conflicting ethnic demands and common social problems. Through the use of a variety of anthropological, historical, and literary materials, the seminar examines the major Southwestern cultures in isolation and in relation to one another. No prerequisites. (Not offered 2020-21).

1 unit

**RM182** Prejudice and Intergroup Relations

What are racism and sexism? Why are people prejudiced? What can be done to improve the strained relationship between groups? This course will introduce students to various frameworks for understanding prejudice, intergroup perception/relations, and the management of conflict between social groups. Students will examine case studies, psychology theories, and will think about their own perceptions of and interactions with people from different social groups. Students will also reflect on the notions of multiculturalism and social justice. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**RM183** Community Organizations in the Southwest

(Not offered 2020-21).

.5 unit

**RM185** Introduction to the Comparative Study of Race and Ethnicity

Examines those social forces, both historical and contemporary, that have brought about racial and ethnic 'diversity' and 'difference' in the U.S. Attention to the histories and experiences of Native Peoples, African Americans, Latinos and Asian Americans. Taking a comparative approach, it puts into focus the shared histories of racialization among these groups without losing sight of asymmetrical relations of power informing these histories. The course sheds light on the ways these groups position themselves and are positioned as racial subjects in distinct and historically specific ways but also in relational and mutually constitutive ways. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — McKay, Ratchford

**RM200** Topics in Race, Ethnicity, and Migration Studies:

Selected topics in the critical study of race and ethnicity. May be taught as block or half-block course.

1 unit — Buyco, Carrizo, Chan, Cramer

**RM205** Language and Culture

An introduction to linguistic anthropology. Examines the interconnectedness of language and culture from ethnographic and sociolinguistic perspectives. Comparative study of speaking in cultural context aimed at understanding the ways in which people use talk to cooperate, manipulate, structure events, and negotiate identities. Cross-cultural focus, with examples from such languages and language varieties as Japanese, Navajo, Apache, French, African-American English, and Chicano English. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Dunn

**RM207** Hip Hop and Ya' Don't Stop: Issues, Debates and

Provides a rigorous historical and theoretical understanding of the emergence of hip hop culture. The course examines how this expressive form both reflects and shapes existing social relations, and analyzes the relationship between hip hop, youth-politics, youth-violence, commercialization and globalization. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**RM209** Youth, Power and Social Movements

Examines how youth-based and youth-led social movements emerge, how youth conceptualize and frame issues of social justice, and how youth who occupy marginal positions provide critical perspectives on social change based on their race, class, gender and sexuality. Explores the role of expressive forms such as art and music in the formation, development, and trajectory of social movements and political activism. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**RM212** Theories of Race and Ethnicity

Examines various theoretical and conceptual approaches to the study of race and ethnicity. Attention is given to the various ways race and ethnicity have been defined and understood including the ethnicity paradigm, class-based perspectives, and racial formation theory. Examines debates and controversies in the study of race and ethnicity as well as emergent themes and recent developments in the scholarship. Possible topics include a focus on the interrelations among race and other axes of difference such as gender, class, and sexuality, race and the structuring of space, the legal construction of race, race and media culture, and race and the prison-industrial complex. Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* Feminist & Gender Studies 110 or Race, Ethnicity, and Migration 185.

1 unit — Sawyer

### **RM214** Comparative Imperialisms: Empire, Nation-Building and World's Fairs and Expositions

Critical interrogation of U.S. imperialism and its enduring legacies through an examination of the shared experiences of colonization, conquest, displacement, and genocide among Filipinos, Puerto Ricans, and Native Hawaiians. To accomplish this, we will investigate a number of sites and contexts central to the relationship between empire-building and nation-building including, U.S. military installations, world's fairs and expositions, and tourism. (Not offered 2020-21).

1 unit

### **RM215** Research Design: Method and Theory

Research design, method and theory across the discipline of anthropology. Topics include selecting research problems and sites, engaging literature, data-gathering and analysis, Institutional Review Board approval and ethical issues. Theory and application of contrasting paradigms (i.e. positivist, interpretivist) across each of the four major subfields. Emphasizes commonalities across the discipline in major theoretical currents (i.e. cultural ecology, functionalism, symbolic, historical materialism, postmodernism, feminism, and practice theory).

1 unit — McKay

### **RM218** Critical Analysis of Quantitative Data

Historically and in the contemporary world, data and statistics have been both used and abused in the process of understanding and responding to racial, ethnic, and migration-related phenomena. This course gives Race, Ethnicity, and Migrations Studies majors the analytical tools, methods, and habits of mind to critically interpret and evaluate different kinds of data that they will encounter in their classes, research, and daily life. Meets the Critical Perspectives: Quantitative Reasoning requirement.

1 unit — Chan, McKay

### **RM219** African Dance

.25 unit — Fall

### **RM220** Blacks & the Cinema

An introduction to the relationships Blacks have had to the American cinema: as filmmakers, performers, audiences and as 'characters' whose image have formed a critical vocabulary for American race relations. (Not offered 2020-21).

1 unit

**RM221** Topics in Ethnomusicology: African Music

(Not offered 2020-21).

1 unit

**RM223** Racial Inequality

The study of race as a dimension of inequality in the United States, Western Europe, Africa and Latin America. Individual and institutional forms of racism and discrimination. Historical, comparative and theoretical perspectives. (Not offered 2020-21).

1 unit

**RM224** Comparative Migrations: Borders, Narratives and Myths

Comparative study of various forms of movement and migration that continue to shape our understanding of America. Relying on political documents, visual images, films, music, and literature, we will focus on specific forms of movement and migration—westward expansion, 19th century European immigration, overseas expansion, the Great Migration, postwar suburbanization, and post-1965 immigration to the U.S. —and their role in the formation of American identity and society. The course offers students a rigorous and critical understanding of the different facets of migration. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**RM227** Black Religion in America

Studies in the religious life of African-Americans from the 17th century to the present. Particular attention to religious organizations, theological formulations and experiential patterns of Black Americans and the relationship of those phenomena to American religious life in general. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**RM229** Rewriting America: Playwrights and Cultural Identity

From the bilingual flatbed truck actors of Luis Valdez to the rhythmic coffee house choreo-poems of Ntozake Shange, this course focuses on the theatrical voices of the American marginalized. Our mission will be to examine the societal circumstances that birthed alternative styles to the mainstream American stage. Selected playwrights will cover a cross section of race, gender and sexuality, from Tony award winners to virtual unknowns. Equal parts historical analysis and creative writing workshop, students will create multimedia presentations and original plays based around their research. (Not offered 2020-21).



1 unit

**RM231** Hip Hop Dance

.25 unit — Jules

**RM232** Hip Hop Dance

.25 unit — Jules

**RM233** Topics in Journalism: Writing Inequality

(Not offered 2020-21).

1 unit

**RM238** Colonial Hispano-America

(Not offered 2020-21).

1 unit

**RM239** History of Mexico

The Aztec and other Indian peoples' influence in Mexican history and thought; Spanish colonial legacy; Enlightenment, Liberal, and Conservative political philosophies; Mexico's relationship to the United States; roles of the Church and of violence from European encounter through Revolution (1910-1921) and into Mexico's current precarious social and political situation. (Not offered 2020-21).

1 unit

**RM241** Hispanic Folklore of the Southwest

with Emphasis on Writing). This course is designed to introduce students to several approaches in folklore studies and to Mexican material culture, religion, music, and prose narratives in the Southwest region of the United States. We will examine how the different approaches used by historians, literary critics, anthropologists, and folklorists can enhance the study of Hispanic folklore and material culture. (Limited to 12 students.) Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**RM242** Anthropology of Food

This course will explore food concepts, analytical methods, and the food habits of different ethnic groups. The class will have a field trip to the San Luis Valley, and to Northern New Mexico to document the production of food among farmers, cattle ranchers and restaurateurs. Meets the Critical Perspectives: Social Inequality requirement.

1 unit

**RM243** Slavery and Antislavery Movements to 1860

African cultural backgrounds, African slavery in colonial British America and the U. S. to 1860; free Black people from 1790 to 1860 and antislavery movements. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**RM244** Black People in the U.S. since the Civil War

Black Reconstruction; Black urban settlement; literary and artistic movements in the 1920s; civil rights struggles; recent social and political expressions.

1 unit — Ratchford, Rommel-Ruiz

**RM245** Martin Luther King, Jr. and Malcolm X

(Not offered 2020-21).

1 unit

**RM248** History of Korea

A thematic survey of Korean history from the earliest times to the present covering social, cultural and political developments from the Three Kingdoms period through the Silla unification, Koryo and Choson dynasties to the modern era. Special emphasis on the twentieth century. (Not offered 2020-21).

1 unit

**RM250** Asian American Literature

(Not offered 2020-21).

1 unit

**RM251** Introduction to Indigenous Studies

Introduces key concepts, epistemologies, worldviews, and focus areas of the multidisciplinary paradigm of Indigenous Studies. Using indigenous pedagogies, this course provides an overview of the histories, governance structures, economies, relationships to place and other beings, and cultures of Indigenous and Native Peoples of the US, from a decidedly indigenous perspective. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — McKay

**RM253** Literature of the American Southwest:

(Not offered 2020-21).

1 unit

**RM257** Globalization and Immigration on the U.S.-Mexico Border

This course will examine changing patterns of U.S. immigration policy in the U.S.-Mexican

border region, with an emphasis on the criminalization of U.S. immigration policy, and assess this policy in the context of a broader review of immigration theory. Other issues that will be explored include: the conditions within Mexico and Central America that have generated emigration to the U.S., the nature/challenges of the migrant journey to the U.S., and the role that Latino labor plays in the U.S. economy. The class typically includes a field component along the U.S.-Mexico border. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

*Prerequisite:* consent of instructor & Any 100-level SO course, Sophomore standing. Spanish language skills recommended and consent of instructor.

1 unit

### **RM267** History of the Southwest under Spain and Mexico

The pre-contact history of Anasazi and Athabascan peoples from anthropological and mythological perspectives; the causes and consequences of the Spanish entrada and attempts at missionization of the Indian peoples of New Mexico and the California coast; development of mestizo society; the arrival of the Anglo-Americans and the Mexican-American War. (Not offered 2020-21).

1 unit

### **RM268** History of the Southwest since the Mexican War

The adaptation of Native American and Hispanic peoples to Anglo-American culture and politics; the causes and consequences of the loss of Hispanic lands; the evolution of family life and religious practices; indigenous views of modernity. Films, artistic expressions, and works of fiction as well as historical sources. (Not offered 2020-21).

1 unit

### **RM273** Southwest Arts & Culture

(Not offered 2020-21).

1 unit

### **RM282** Africana Philosophy

An exploration of themes in African, Caribbean, and North American thought, this course looks closely at ways in which philosophers of the African diaspora have responded to colonialism, the process of decolonization, and the postcolonial situation. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Lee, Sawyer

### **RM283** Latin-American Philosophy

A survey of philosophical writings by Latin-American authors in the social and historical context of the region. Texts studied include Indigenous philosophies of the pre-Hispanic tradition, as well as those of the colonial and postcolonial periods. Particular attention will be devoted to issues that are central to this philosophical tradition, such as identity,

consciousness through education, and philosophies of liberation. Our readings draw from Aztec or Maya sources, as well as from Leon-Portilla, Vasconcelos, Paz, Freire, Gutierrez, Dussel. (Not offered 2020-21).

1 unit

### **RM285** Philosophy & Race

Race is a social construct that invites a number of philosophical questions, such as those of identity, inter-subjectivity, justice, rationality, and culturally different ways of knowing. The course will examine, among others, philosophical reflections on race by the following thinkers: Douglass, West, Fanon, Vasconcelos, Appiah, Bernsaconi, Outlaw, Levinas, Mendieta. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Hernandez-Lemus

### **RM290** Racial and Ethnic Identities (with Emphasis on Writing)

(Not offered 2020-21).

1 unit

### **RM300** Advanced Topics in Race, Ethnicity, and Migration Studies:

Selected advanced topics in the critical study of race and ethnicity.

1 unit — Guessous, Lewis, McKay, Ratchford

### **RM301** Post-Racial Discourses, Post-Racial Futures

Examines the rise of post-racialism in the contemporary era and in particular the logic and assumptions underlying this ideology. Considers how racially marginalized groups challenge post[racialism and how they provide an alternative vision of a post-racial world. The course brings together insights from various fields of study including postcolonial theory. A frofuturism and indigenous futurism. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Race, Ethnicity, & Migration 312 or Consent of Instructor.

1 unit

### **RM306** Women of Color Feminisms

Examines the contours and trajectory of women of color feminisms in the United States. Considers how women of color feminisms broaden the parameters of feminism and how a critical consideration of race, class, sexuality and nation complicates the way we think about feminist theory and politics. Examines the nature of the relationships among women of color feminisms. Draws from Chicana feminism, Black feminism, indigenous feminism, Asian American feminism, and transnational feminism. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **RM309** Unpacking the Invisible Knapsack: Critical Whiteness Studies

This course introduces students to Critical Whiteness Studies, the scholarly interrogation of the social construction of whiteness: how whiteness converges with gender, socioeconomic status, and other social markers, to create and maintain fundamental sources of societal stratification. The course examines the historical and contemporary social, cultural, and political origins of and resistance to white supremacy and white privilege, particularly in the United States. Students will consider the economic and political forces responsible for the construction and maintenance of whiteness, and will critique the multiple axes of race, gender and class to understand the various mechanisms of privilege. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Feminist & Gender Studies 110, Feminist & Gender Studies 200, or consent of instructor).

1 unit

### **RM310** Anthropology and the History of Ideas

The intellectual history of sociocultural anthropology will form the foundation of this course. It will discuss the ideas and intellectuals who contributed to the development of anthropology as a scholarly discipline and will consider the following theoretical perspectives: evolutionism, functionalism, historical particularism, cultural materialism, and interpretive approaches. Also, it will examine field research strategies that shaped anthropology. (Not offered 2020-21).

*Prerequisite:* Anthropology 102 or consent of instructor.

1 unit

### **RM311** Cultural Perspectives in Dance

Study of dance practices and their specific histories within and across cultures. Themes of embodiment, race, ethnicity, identity, migrational flows, appropriation and cultural exchange inform the analysis of the selected dance traditions, fusions and innovations. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **RM312** Theories of Migration

This course introduces students to key theories, mechanisms, and geographies of migration from various disciplines. The readings and discussions will focus on the analysis of the causes of internal and transnational migration flows as well as their consequences for the social, economic, political, diplomatic, and cultural dimensions of human experience in the past and in our time. The course will distinguish between the individual's motives and desires to move and the structural changes and events that encourage movement. 1 unit. (Not offered 2020-21).

1 unit

### **RM313** Black Feminist Theory

Examines Black feminist theory through the lens of key Black feminists, such as bell hooks,

Patricia Hill Collins, Audre Lorde, and Alice Walker. Relying primarily on a guiding principle of Black feminism, the idea that racism, sexism, and class oppression are inextricably linked (also known as intersectionality), we will discuss various topics such as Black women's relationships with Black men, motherhood, work inside and outside of the home, and religion and spirituality, among others. (Not offered 2020-21).

1 unit

### **RM321** Rio Grande: Culture, History and Region

An interdisciplinary course based on history, culture, and water issues. It will explore the cultural heritage and creativity of groups whose historical experience has been shaped by the Rio Grande basin from its origin in Colorado to its mouth in the Gulf of Mexico. The course will engage a broad American and international public in the exploration of how the river basin and the people who live within it change, evolve, and develop together, and can affect each other. Limited to 12 students. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Anthropology 102 or consent of instructor.

2 units

### **RM323** Minority Politics

A comparative analysis of the political experience and responses of major ethnic minorities and women to the American political process. (Not offered 2020-21).

1 unit

### **RM330** Independent Readings

Study for advanced students who wish to do work supplementary to that offered in the catalog.

*Prerequisite:* Race, Ethnicity, & Migration 185 and consent of instructor.

1 unit

### **RM336** The Cuban Revolution

This course examines theories of revolution through the lens of the Cuban experience. Special focus on the evolution of the Cuban regime and the evaluation of its performance. Additional topics include the analysis of U.S. policy toward the Castro government. Prerequisite: Political Science 335 or consent of instructor Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **RM337** Latino Literature in the US

Comparative study of works of Chicano, Puerto Rican, and Cuban authors, as well as Latin American writers in exile in the United States, including political essays of Marti and Flores Magun and the contemporary works of Hinojosa, Mohr, Laviera, Rivera, Alegria, and

Valenzuela. (Not offered 2020-21).

*Prerequisite:* consent of instructor or Spanish 306.

1 unit

### **RM339** Chicano Literature

Critical study of the literary production of authors of Mexican heritage in the United States from 1848 to the present, with emphasis on contemporary Chicano works including Rivera, Anaya, Valdez, El Teatro Campesino, Cisneros, Castillo, and Moraga. (Offered alternate years.) (Not offered 2020-21).

1 unit

### **RM342** Intervention, the Drug War and Human Migration: The U.S.-Latin American Relationship

The U.S.-Latin American Relationship: Explores the evolution of the U.S.- Latin American relationship over the last century. Focuses primarily on overt and covert intervention; the genesis and evolution of the drug war; and, the impacts of human migration. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **RM351** Searching for the Homo Sacer: From the Plantation to the Camp

The goal of this course is to carefully study the work of the modern philosopher and political theorist Giorgio Agamben whose text *Homo Sacer: Sovereign Power and Bare Life* imagines the Concentration Camp as exemplar of an exceptional space of violence that creates a particular type of political subject. This course will interrogate the Camps and the Atlantic World's Plantations to identify points of departure and convergence in these spaces of violent subject formation. The course will be taught in Italy, where it will be hosted at the University of Bologna's Department of History and Culture where Italian theorists are doing work on radical Italian and Black American Political Thought. (Not offered 2020-21).

1 unit

### **RM360** Issues in British Romanticism: Slavery and Abolition

During the 1780s, a movement to abolish slavery and the slave trade gained momentum in Great Britain, catalysed by the loss of the North America colonies. This course considers changing representations of slavery in both British and American contexts as a function of both the immediate impact of empire and its legacy in the aftermath of the American Revolution. As the rise of the abolitionist movement coincided with the development of British Romanticism, we will examine the reciprocal relationship between literary production and the economic, social, and political events of the slave trade as it was rendered by those who encountered slavery first hand and through multiple generic modes of writing: memoir, poetry, drama, fiction, and political tracts. The course encourages a comparative approach both in terms of historical period and geographical location, and we will attempt to situate discussion of a wide range of literary texts in conceptual and theoretical frameworks that will facilitate the production of a critically informed response. Works examined will include poetry by Wordsworth, Coleridge, Moore, Wheatley, Opie, Cowper, Day, and Southey, prose tracts by Cugoano, Equiano, and Prince, and plays by

Bellamy and Colman. We will also read theory and criticism by Fanon, Gilroy, Lott, Carey, Caretta, Lee, and Baucom. (Not offered 2020-21).

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit

**RM370** Stds Literature Periods: Literature of Harlem Renaissance

Selected fiction, poetry, and non-fiction prose which looks at a problem or theme in 19th-century British and/or American literature such as narratives of identity, archetypes of city and nature, the politics of genre, comparisons of British and American culture, and the nature of literary periods themselves. (Not offered 2020-21).

1 unit

**RM384** The Negritude Movement: African and African-American Intellectuals & Artists in Paris 1900-1950

Paris as a center for American, Caribbean, and African intellectuals from the black Diaspora. Readings from work of Aime Cesaire, Langston Hughes, Jessie Redmon Fauset, President Leopold Senghor, Eugene Bullard, Birago Diop and Cheikh Anta Diop. Emerging African and African American cultural identities; ideas of black nationalism within European, American and African society. Taught in Paris. Extra Expense \$\$\$\$. Also taught as EN 385 and FR 308. (Students enrolling in FR 308 will do readings and write papers in French.) May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* consent of instructor.

1 unit

**RM385** 20th Century African-American Literature

Readings in black American writers such as W. E. B. Dubois, Ralph Ellison, Nella Larsen, and Rita Dove. Organized around aesthetic and cultural issues such as feminism, the 'anxiety of influence,' pressures of the marketplace, identity politics, and post-modern theory. (Not offered 2020-21).

1 unit

**RM387** African-American Women Writers and Literary Tradition

Three centuries of texts by African-American women who have conspired with, rebelled against, and created literary traditions, such as Zora Neale Hurston, Pauline Hopkins, Rita Dove, Andrea Lee, and Nella Larsen. (Not offered 2020-21).

1 unit

**RM399** Independent Study:

Advanced study of a topic chosen by the student in consultation with a member of the REMS Core Faculty and approved by the director.



1 unit

**RM400** Senior Seminar:

Advanced study of a topic in Race, Ethnicity and Migration Studies required of all REMS majors. (Not offered 2020-21).

*Prerequisite:* Race, Ethnicity, and Migration 185, 212, and 318.

1 unit

**RM499** Senior Project:

1 unit — McKay, Ratchford

## Religion

*Applicable for the 2020-2021 academic year.*

**Religion Website** (<http://www.coloradocollege.edu/academics/dept/religion/>)

Professor COLEMAN; Associate Professors GARDINER, WRIGHT (Chair); Assistant Professor REAVES, HUNT, CHANDRANI.

The purpose of the academic study of religion is to analyze and interpret religious beliefs and practices in their cultural contexts and historical development. The discipline of religious studies requires critical reflection on ideas about the nature of reality, ideal forms of human society, rituals of individual and societal identity, and sources of authority in personal and social morality. Our faculty is formally trained in Biblical studies, Christianity, Islam, Hinduism, and Buddhism. Our areas of expertise range from the ancient period to the present day, spanning the Near East and the Mediterranean, Europe, South, Southeast and East Asia, Africa, and the Americas. Every year we cross-list a variety of courses with Asian studies, with feminist and gender studies, and with race, ethnicity, and migration studies, and we regularly offer courses on indigenous traditions. Our department warmly invites you to explore our curriculum and discover the many ways that the study of religion inspires self-reflection and enhances critical thinking, offers knowledge of diverse cultures, and enriches the liberal arts education.

## Major Requirements

The major in religion consists of 10.5 courses in religion, including:

1. Three 100-level courses, at least one of which must be chosen from religions originating in Asia (160, 170, 180) and at least one of which must be chosen from religions originating in the Middle East (110, 120, 130, 140). These courses introduce students to basic skills and concepts in the academic study of religion, such as critical methods for the close reading of texts, the relation between religious beliefs and practices and their historical and cultural contexts, and basic elements of religion including myth, ritual, devotion, theology, and ethics.
2. Two 200-level courses on topics in religious studies. These courses include material from two or more religious traditions, examine different interpretive approaches within a tradition, or compare patterns of the formation of religious identity or institutions in various

traditions.

3. Three 300-level courses in advanced study of a topic or tradition. These courses carry prerequisites and demand greater depth of reading and higher quality of writing. Students will typically conduct independent research in the completion of a major project.
4. Seminar in Theory and Method (302). This seminar examines theories about the origin and function of religion, as well as leading methods of religious studies, through close reading of classic and contemporary texts. Enrollment is limited to junior and senior majors.
5. Senior Project Preparation (405) in the fall of the senior year.
6. Senior Thesis (406) or Senior Research Paper (407) in the spring of the senior year.
7. Students may apply a maximum of 2 courses cross-listed with the Department of Religion but taught by faculty from outside the Department towards the satisfaction of the major.

We strongly recommend that majors gain proficiency in a foreign language, classical or modern. We further recommend that majors take a course in the study of religion in the social science division.

**Study Abroad:** The Department of Religion will consider giving students credit for courses taken abroad, but we do not typically award more than one unit towards the requirements for the major. In order to consider such requests, we require that materials from the relevant course abroad be submitted to the chair, and then reviewed by the appropriate faculty member. Students intending to study abroad and hoping to receive credit should therefore discuss proper procedures with their advisors prior to departing.

The department awards the graduation honor of Distinction in Religion for superior achievement in a senior thesis or cumulative excellence in departmental courses.

## Minor Requirements

The minor in religion consists of a minimum of five courses, distributed as follows and chosen in consultation with an adviser in the department:

- Two 100-level courses.
- Three upper-division courses, including at least one 200-level course and at least one 300-level course for which the student has completed the prerequisite.
- Students may apply a maximum of 1 course cross-listed with the Department of Religion but taught by faculty from outside the department towards the satisfaction of the minor.

## Courses

### Religion

#### **RE101** Introduction to Religion

An introduction to the contemporary study of religion as a social and symbolic system. An examination of religious experience and convictions and their expression in symbol, ritual, myth, theology, ethics and community.

1 unit — Gardiner

**RE110** The Bible: Myth and History

Examines Jewish and Christian scriptures, with a focus on their ancient Near Eastern, Hellenistic, and Roman contexts. Surveys the Bible's broad range of literary genres, including myth, historical narrative, law, prophecy, poetry, biography, and apocalypse. Explores the relationship between the Hebrew Bible and the New Testament, with special attention to resonances of Jewish prophetic and apocalyptic traditions in the latter.

1 unit — Reaves

**RE111** Hebrew Bible

A survey of the Hebrew Bible (Christian 'Old Testament') from an academic point of view, including questions of authorship, geographic and historical context, and preservation and transmission. All texts are read in English translation. (Not offered 2020-21).

1 unit

**RE112** New Testament

An exploration of the varied forms of Christianity that emerged among the religions of the ancient Mediterranean world, with special focus on the New Testament and related writings, including those now outside the canon. We will explore what can be known about this formative period through careful critical historical analysis. (Not offered 2020-21).

1 unit

**RE115** Introduction to Arabic

(Summer only 2020-21).

2 units

**RE120** Judaism

An introduction to the traditions, practices, and beliefs of Judaism as it has changed from biblical foundations to the transformations of the post-biblical period, to the creative flowering of rabbinic Judaism through the medieval and modern periods. This course will explore Judaism's origins and the questions it faces in the future. (Not offered 2020-21).

1 unit

**RE130** Christianity

An introduction to Christianity as an object of intellectual inquiry. Attention to Christianity's internal diversities from first-century Palestine to the present; disputes over its boundaries and how 'it' should relate with its 'others'; complicity with and resistance to structures of power; literary and artistic expressions; role in shaping Western modernity; and contemporary growth in Latin America, Africa, and Asia.

1 unit — Reaves

**RE140** Islam

An historical and thematic introduction to Islamic traditions from the seventh century CE to the present day, focusing on fundamental texts and practices. Topics include the Abrahamic context of Islam, the Prophet Muhammad, the Qur'an, the rise of sectarian movements (Shi'a and Sunni), ritual and pilgrimage, Islamic law, Sufism, women in Islam, the challenges of modernity, and Islam in America. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Wright

### **RE160** Hinduism

An historical and thematic introduction to Hindu traditions from prehistoric India to the present day, focusing on classic texts and popular rituals. Topics include the Rig Veda, the Upanishads and the rise of Buddhism, the great epics (Mahabharata and Ramayana), Yoga, the Bhagavadgita, Indian art and music, devotional movements and poetry, Goddess worship, dharma, the caste system, Hindu nationalism, Gandhi and Indian independence. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Coleman

### **RE170** Buddhism

An introduction to the life and times of the Buddha, his basic teachings and central monastic and lay practices. Emphases include key elements in the development of Buddhist philosophy, the purposes and styles of meditation, and theory and practice in Zen and Tibetan Buddhism. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Gardiner

### **RE195** Introduction to Arabic

(Summer only 2020-21).

*Prerequisite:* No 1st years.

2 units

### **RE200** Topics in Religion

Study of a topic in religious studies, drawing material from two or more religious traditions, examining different interpretive approaches within a tradition, or comparing patterns of the formation of religious identity or institutions in various traditions.

1 unit — Carrizo, Chandrani, Hunt, Wright

### **RE201** Listening to Country: Learning in Aboriginal Australia

(Summer only 2020-21).

*Prerequisite:* Program Fee: \$2,900.

1 unit

### **RE202** Religious Ethics

Study of the resources different religious traditions employ in ethical reflection and how those resources contribute to resolving debates about the morality of specific actions. Class discussion will focus on cross-cultural case studies in the areas of sexuality, politics, economy, ecology, and medical ethics. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

### **RE203** Religious Experience

The out-of-body journey of the shaman, a quiet act of prayer, the ecstasy of the Christian mystic, the enlightenment of the Buddhist monk, the reverie of the nature lover, 'speaking in tongues' among Christian charismatics - these are examples of what many call 'religious experience' and regard as the very essence of religion. This course will examine primary texts that testify to the reality and power of religious experience in various traditions and will acquaint students with scholarly analyses of the claims of devotees and adepts. At least one previous course in Religion strongly recommended. (Not offered 2020-21).

*Prerequisite:* One previous Religion course strongly recommended.

1 unit

### **RE204** Readings in Religion:

Directed readings and research in comparative study of religious traditions or in different interpretive approaches within a tradition. Courses under this rubric will not be counted toward fulfillment of distribution requirements of the major or minor in Religion.

*Prerequisite:* Consent of instructor.

*Prerequisite:* consent of instructor.

.5 to 1 unit

### **RE205** Gnosticism

An examination of the contested category known as 'gnosticism,' the texts found at Nag Hammadi, and the challenges posed by this material to our expectations as we attempt to understand developments in what became orthodox Christianity. (Not offered 2020-21).

1 unit

### **RE206** Gender and Sexuality in Biblical Traditions

Study of early Jewish and Christian texts that reflect and construct varied notions of gender and sexuality in their ancient Near Eastern and Greco-Roman contexts. Considers a range of roles and expectations for women as well as men. Attentive to symbolic femininity in the literary tradition, biblical perspectives on sexuality and marriage, and related use of the Bible in modern religious and political debates. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

### **RE207** Politics, Religion and the Secular

Since the Enlightenment, philosophers and historians have argued that individual freedom and autonomy depend upon the confinement of religious beliefs and practices to the private sphere. On their view, the spread and entrenchment of institutions of modernity would result in the decline of religion as an active moral and political force. These modern ways of thinking assume that there are discrete entities called religion and the secular; where the latter is conceived as the arena of activities such as politics, economics and science in which religion has no place. In this seminar, we will examine the phenomena of religion and the secular and their place in the modern world through close readings of historical, sociological, philosophical and anthropological works that address the question of religion and its relationship to politics in diverse contexts such as the Middle East, South Asia, Europe and the United States. Our aim will be to acquire an understanding of the variety of ways in which the relationship between religion and politics is configured and debated and to complicate our understanding of key concepts and problems such as modernity, progress, freedom, citizenship and belonging, religious difference, toleration, and the question of religious minorities.

1 unit — Chandrani

### **RE208** Religion and Ritual

(Not offered 2020-21).

1 unit

### **RE209** Sociology of Religion

The study of the social organization and function of religion with emphasis on its interaction with other ideas, social structures, and processes. Consideration of major theorists (Durkheim, Weber, Troeltsch) will be integrated with contemporary socio-religious issues such as secularization, fundamentalism, televangelism, new religious movements, globalization, and the relations between religion and race, class, and gender. (No credit if taken after SO114.) (Not offered 2020-21).

*Prerequisite:* Any 100-level Sociology or Religion course or consent of instructor.

1 unit

### **RE213** Apocalypse

A study of the genre of apocalypse, looking for common themes that characterize this popular and esoteric form of literature. Our primary source readings will be drawn from the Bible and non-canonical documents from early Jewish and Christian traditions. We will use an analytical perspective to explore the social functions of apocalyptic, and ask why this form has been so persistent and influential. (Not offered 2020-21).

1 unit

### **RE224** Jewish Music

This interdisciplinary course traces the many musical traditions of the Jewish world communities in a journey from the ancient Temple singing in biblical times to the music of individuals such as George Gershwin and Leonard Bernstein. Included will be a comparative study of the three major religions of the Western world exploring their

respective voices and musical interaction. Sociology, literature, religion, and history, as well as issues of ethnicity, cultural unity and self-expression will be engaged in this multicultural search for musical identity. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **RE228** Wilderness & Spirit

(Summer only 2020-21).

1 unit

### **RE231** Philosophy of Religion

An examination of critical questions philosophers raise about religious claims and a consideration of how religious thinkers respond to those criticisms. Topics of discussion include religious experience, arguments for God, problem of evil, ideas of immortality. (Not offered 2020-21).

1 unit

### **RE232** Religion in Africa

Explores the intricacies and interactions of indigenous, Islamic, and Christian traditions in sub-Saharan Africa. Seeks to interrogate assumptions--about personhood and power, religion and magic, tradition and modernity--that have long precluded understanding African societies in their own contexts and on their own terms. Readings drawn from history, anthropology, and fiction. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **RE243** Islam in the Americas

Examines the historical role that varieties of Islam have played in North America as well as in the Caribbean and South America. Topics include: the trans-Atlantic slave trade that brought West African Muslims to North and South America; slave religion in the antebellum South; the complicated role that Islam has played in African-American identity and that race and religion have played in White (Euro-American) conceptions of Islam in the U.S. and abroad; Black Nationalist critiques of Christianity; and issues of race, ethnicity, socio-economic class, and religion affecting immigrant Muslim communities in the U.S. since 1965, May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **RE261** Women and Goddesses in Hinduism

An examination of gender and power in Hindu traditions, through an in-depth study of divine figures or historical women identified with goddesses, such as Sītā, Rādhā, and Kālī, or medieval saints and contemporary global gurus. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Coleman

**RE281** Religious Poetry in Asia

Poetic traditions in China and Japan and in Indian and Tibetan Buddhism. Topics will include poetry as an expression of the heights and depths of religious experience, as a vehicle for spiritual growth, and as a literary form of prestige and power. We will look at poetry of liberation by early Buddhist nuns, praises of transcendent wisdom by Tibetan spiritual virtuosos, links between verse and painting in China, and the relationship between Japanese haiku and Zen aesthetics. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Gardiner

**RE291** Black Religion in America

Studies in the religious life of African-Americans from the 17th century to the present. Particular attention to religious organizations, theological formulations and experiential patterns of Black Americans and the relationship of those phenomena to American religious life in general. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**RE300** Topics in Religion:

(Not offered 2020-21).

1 unit

**RE302** Seminar in Theory & Method

Investigation of theories of the origin and function of religion and of academic methods of religious studies through close reading of classic and contemporary texts.

*Prerequisite:* Declared junior & senior majors.

1 unit — Wright

**RE304** Conversion

Considers debates over the analytical value of a key category in the study of religion. By situating 'conversion' alongside cognate ideas in cultural and philosophical studies--such as askesis, shapeshifting, liminality, hybridity, and radical empiricism--we also explore its potential to mean more than merely the transfer of religious affiliation. Readings include Epictetus, Paul, Augustine, William James, B.R. Ambedkar, and Malcolm X. (Not offered 2020-21).

*Prerequisite:* Two courses in Religion or consent of instructor.

1 unit

**RE305** Making and Faking Scriptures



Explores how ancient Jewish and Christian writings came to be valued as sacred scriptures. “Making” encompasses the physical production and transmission of ancient texts (authorship, sources, material aspects, scribal activity, and circulation) as well as assertions of scriptural authority and related processes of canonization. “Faking” involves alleged forgeries, both ancient and modern, as well as intentional alterations to scriptural texts. Prerequisite: Any biblical studies based RE course or Consent of Instructor.

1 unit — Reaves

### **RE320** Ritual and Judaism

A study of Judaism through various models of ritual theory, surveying a variety of assumptions, contexts, and functions. Throughout the block we will explore new frameworks for thinking about ritual, asking what ritual 'communicates' and how. (Not offered 2020-21).

1 unit

### **RE345** The Dervish Diaries

Selected readings in Islamic literature in translation. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

*Prerequisite:* Religion 140.

1 unit

### **RE346** The Qur'an

The Qur'an in its historical and literary context. Students engage the text in translation but develop a technical vocabulary in transliterated Qur'anic Arabic; those who have prior experience with Arabic language are encouraged to develop their skills with the printed text of the Arabic Qur'an. (Not offered 2020-21).

1 unit

### **RE352** Holy Men, Manly Men: Gods, Buddhas, and Gurus in South Asia

Cults of masculinity have been intrinsic to South Asian culture for millennia. Whether in ancient vedic literature, or in the heterodox traditions of Buddhism and Jainism and the Hindu epics that followed; whether in the ascetic traditions of yoga, the popular puranas, or the lives of modern-day saints -- the leading Man has been carefully fashioned to represent power, purity and prestige. This course examines such texts and traditions from diverse periods in Indian history in order to identify and deconstruct the ideologies that divinize masculinity and masculinize divinity. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Religion 160 or Religion 170 or consent of instructor.

1 unit

### **RE352** Holy Men, Manly Men: Gods, Buddhas, and Gurus in South Asia

Cults of masculinity have been intrinsic to South Asian culture for millennia. Whether in ancient vedic literature, or in the heterodox traditions of Buddhism and Jainism and the Hindu epics that followed; whether in the ascetic traditions of yoga, the popular puranas, or the lives of modern-day saints -- the leading Man has been carefully fashioned to represent power, purity and prestige. This course examines such texts and traditions from diverse periods in Indian history in order to identify and deconstruct the ideologies that divinize masculinity and masculinize divinity. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Religion 160 or Religion 170 or consent of instructor.

1 unit

### **RE357** Women in Hinduism and Buddhism

An exploration of constructions of gender and the status of women in Hinduism and Buddhism, with primary focus on normative developments in ancient and medieval India and the impact of this formative history on the lives of contemporary women. Readings from primary and secondary materials, with attention to both ideology and practice. (Also listed as Asian Studies 257 and Feminist & Gender Studies 257.) (Offered in alternate years.) May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Religion 160 or 170 or consent of instructor.

1 unit

### **RE362** Bhakti: Devotion in South Asia

A study of diverse Hindu devotional movements from classical and medieval periods. Primary readings include poetry by both men and women, devotees of Vishnu, Krishna, Shiva, Rama, and the Great Goddess. Critical articles help situate the devotees and their songs in cultural context. (Offered in alternate years.) Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

*Prerequisite:* Religion 160 or consent of instructor.

1 unit

### **RE371** Seminar in Buddhist Practice

An in-depth look at either a particular practice tradition within Buddhism, such as Zen or Tantric meditation, or on a theme central to various traditions, such as devotional elements, artistic representations, ritual, visualization, and so on. (Offered in alternate years.) Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

*Prerequisite:* Religion 170 or consent of instructor.

1 unit

### **RE372** Seminar in Buddhist Philosophy

An in-depth treatment of important themes, or textual traditions, in the history of Buddhist

thought. Examples might include topics such as karma, death and rebirth, compassion, or possibly a body of writings from a particular author or Buddhist school. (Also listed as Asian Studies 372.) (Meets the Critical Perspectives: Diverse Cultures and Critiques requirement.) (Offered in alternate years.) Prerequisite: RE 170 or COI. 1 unit - Gardiner. Meets the Critical Perspectives: Global Cultures requirement.

*Prerequisite:* Religion 170 or consent of instructor.

1 unit — Gardiner

#### **RE404** Readings in Religion:

Directed readings and research for advanced students. Prerequisite: Consent of instructor. 1 unit - department.

*Prerequisite:* consent of instructor.

1 unit

#### **RE405** Senior Thesis Preparation

A half-credit extended-format course aimed at developing a proposal and bibliography on a topic chosen by the student and approved by the faculty. Offered in the fall, required of all majors.

.5 unit

#### **RE406** Senior Thesis

An independent block of thesis composition and revision. Offered in the Spring.

*Prerequisite:* consent of instructor & Religion 405.

1 unit — Chandrani, Coleman, Gardiner, Hunt

#### **RE407** Senior Research Paper

An independent block of research paper composition and revision. Offered in the Spring.

1 unit

## **Russian and Eurasian Studies**

*Applicable for the 2020-2021 academic year.*

**Russian and Eurasian Studies Website (<http://www.coloradocollege.edu/academics/dept/russianeurasianstudies/>)**

Advisors; Professors KOLARIK, SHOWALTER, SCHEINER; Associate Professors GOULD, PAVLENKO

Russian and Eurasian Studies (RES) is an interdisciplinary program affiliated with the

Departments of History, Political Science, Comparative Literature, Art, and German/Russian/East Asian languages. The focus of this program is the region that stretches from Central and Eastern Europe through the breadth of Russia and Central Asia into northeastern Eurasia. We study the histories, languages, politics, economies, and cultures of a significant part of the world long obscured by the intellectual and methodological tensions of the Cold War. The program provides a background for careers in law, teaching, public and foreign service, international business, and the domestic and international nonprofit sector. It also prepares students for graduate training in area studies and language instruction. RES sponsors a variety of activities such as a speaker series, films, and other cultural events associated with the Russian language house. For more complete descriptions of the courses noted below, please refer to the catalog entries for the appropriate departments.

## Major Requirements

To fulfill the program major, students must complete a total of **12 units**:

- **Four** units in a relevant language and **two** units in literature;
- **Three** units in related courses in the Social Sciences division (at least one of these courses must be in the area history);
- **Two** units in related courses in any division;
- All majors are strongly encouraged to take relevant courses in other disciplines beyond the immediate requirements of the program;
- **Capstone requirement:** Advanced Seminar in Russian and Eurasian Studies (RS400 or PS tutorial: PS410; PS412; PS470). This course is required for all majors, and will result in the completion of an extended essay or independent research project, based on a significant body of original research and/or the student's internship experience in the region. Students will present this essay at an annual faculty-student seminar.

## Essay Guidelines

The extended essay, 30-50 pages, can focus on any topic pertaining to the Russian language, literature, and culture, as well as to Russian and Eurasian history, politics, and economics. The essay must demonstrate:

- a. Student's command of primary sources in the original language (Russian and/or other languages of the region);
- b. Knowledge of the current state of research in the chosen subject,
- c. Competence in crafting an argument supporting one's own view of the chosen subject.

It is strongly encouraged that at least one section of the essay (approximately 10 pages) be written in the target language.

Essay should be printed double-spaced throughout, including footnotes, endnotes, and list of references.

All citations or paraphrase based citations must be documented.

In matters of style, follow the latest MLA standards (e.g., <http://www.ccc.commnet.edu/mla/index.shtml>)

Essays are due by 3 p.m. on the first Monday of Block 8.

## Minor Requirements

To fulfill the program minor, students must complete a total of **6 units** as follows:

- **Two** units of relevant language;
- **One** unit in area history
- **Three** units in related courses in any division;

## Sociology

*Applicable for the 2020-2021 academic year.*

**Sociology Website** (<http://www.coloradocollege.edu/academics/dept/sociology/>)

Professors GIUFFRE, MURPHY-GEISS; Associate Professors POPKIN (chair), W. ROBERTS (associate chair), WONG; Assistant Professors MUNOZ, ROJO, HUGHES, FIGUEROA

Sociologists seek to understand the complexities of social life by understanding people as situated within the larger contexts that shape their experiences and outcomes. The scope of our curriculum is quite broad, ranging from the study of individual behavior, interaction and organization to the analysis of global social processes. Our overall goal is to develop in students a deep, intellectual curiosity about how society works – both its organization and the consequences of that organization. Our major requires courses in sociology's key theoretical approaches and diverse methods of gathering and evaluating evidence, to inform students' understandings of themselves and their active engagement in the pursuit of social justice.

Sociology prepares students for a wide variety of careers. Our students have gone on to careers in the public, private, and nonprofit sectors (policy, advocacy, activism, research). Many of our alumni pursue graduate degrees in sociology, law, public policy, education, medicine, public health, and related fields.

## Major Requirements

To see more information about the sociology major — defining elements of the discipline, career paths of majors, methodological skills developed through our curriculum, and requirements — download the [\*\*sociology major information sheet\*\*](#).

### Sociology Major (11 credits total)

A good way to enter the major is through any of the First Year Foundations courses offered by the sociology department. Alternatively, students may enter through any of our 100-level courses, including Thinking Sociologically ([\*\*SO100\*\*](#)), Inequality in the U.S. ([\*\*SO101\*\*](#)), Art and Society ([\*\*SO105\*\*](#)), Gender Inequality ([\*\*SO112\*\*](#)), Racial Inequality ([\*\*SO113\*\*](#)), Global Inequality ([\*\*SO116\*\*](#)), Deviance and Social Control ([\*\*SO118\*\*](#)), Environmental Sociology ([\*\*SO130\*\*](#)), or any of our topics courses ([\*\*SO190\*\*](#)). Any one of these courses will satisfy the prerequisite for 200-level courses in the curriculum.

**Required courses (5 credits) [recommended timeline indicated in brackets]**

- **SO228** Social Theory [2<sup>nd</sup> year; no later than 3<sup>rd</sup> year]
- **SO229** Sociological Research Design [2<sup>nd</sup> year; no later than 3<sup>rd</sup> year]
- Either **SO301** Quantitative Research Methods or **SO302** Qualitative Research Methods [3<sup>rd</sup> or 4<sup>th</sup> year]
- **SO450** Senior Thesis (2 credits) [4<sup>th</sup> year]

**Electives (6 credits)**

- No more than three 100-level electives may count toward the major
- At least one 300-level elective must be completed prior to undertaking senior thesis (SO450)
- SO451 Senior Seminar does not count toward the major
- Study abroad programs that include a sociological element may contribute 1 elective (at the 100-level) toward the major

**Courses****Sociology****SO100** Thinking Sociologically

An introduction to sociological perspectives through investigation of the social sources of the self; the unequal distribution of power, privilege, and prestige; the social construction of institutions and their impact on human activities; and processes of social change. (Not offered 2020-21).

1 unit

**SO101** Inequality in the U.S.

Examines various forms of social inequality in the U.S. from a sociological perspective, including systems of inequality based primarily on race, ethnicity, class, gender, sexuality, as well as their intersections. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Muñoz

**SO102** Communities and Networks

(Summer only 2020-21).

*Prerequisite:* Pre college course.

.25 to 1 unit

**SO105** Art and Society

Examines the influence of art on society and of society on art, including the use of art as propaganda and social protest, the social sources of creativity, the relation between artists and audiences, the roles of patrons and critics, and the workings of arts organization. (Not offered 2020-21).

1 unit

**SO107** Inequality

The causes of inequalities of wealth, income, power, and prestige. The effects of economic deprivation on personal life. The reproduction of inequality from generation to generation. The possibilities of the elimination of gross social inequalities. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**SO109** Social Psychology

(Not offered 2020-21).

1 unit

**SO112** Gender Inequality

How sex roles shape our experiences. Sources and consequences of the differences between males and females. Biological differences, cross-cultural patterns, socialization processes, participation in the economy and the family. Possibilities for and consequences of changing sex roles. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Figueroa/Figueroa

**SO113** Racial Inequality

The study of race as a dimension of inequality. Individual and institutional forms of racism and discrimination. Historical, comparative and theoretical perspectives. Prerequisite: None. 1 unit. Meets the Critical Perspectives: Social Inequality requirement. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Wong

**SO115** Creativity: Theory and Practice

Examines creativity from both a theoretical and a practical standpoint. The course is divided into three sections. The first explores theoretical material on creativity as an individual process and practical exercises on generating creative material. The second examines creativity as a product of social groups, especially as this relates to the issue of 'craft'. The third focuses on creativity as it is tied to particular times and places and practical issues of making creative products public. (Not offered 2020-21).

1 unit

**SO116** Global Inequality

This course introduces the global roots and dimensions of recent social change emphasizing development as a transnational project designed to integrate the world. Economic and political globalization and the powerful counter-movements responding to rising inequality in the global south are explored during the course. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Popkin

**SO118** Deviance and Social Control

An examination of rule and norm-breaking behavior and theories about why individuals and groups engage in such behaviors. This course focuses on how a sociological understanding of deviance is distinct from biological and psychological explanations. The topics to be considered include the origins and functions of deviance, the institutional production and categorization of deviance, the impact of deviance on personal and social identity, deviant careers and the relationship between deviance and social change.

1 unit — HughesHughes

**SO130** Environmental Sociology

The relationship between human societies and their natural and built environments. Topics may include the social construction of nature; the relationships between capitalism, materialism, and environmental degradation at local and global levels; urban development and growth; environmental racism; environmental justice and activism; the politics of environmental regulation and resource management; and the prospects for environmental sustainability. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Roberts

**SO152** Engaging the Global: Health, Development and Citizenship

This quarter-unit adjunct course surveys multiple aspects of global engagement, including global health, sustainable development, and global citizenship. Introduces students to relevant academic debates about each of these domains of global practice and the broader moral and ethical context of global engagement, focusing on issues of responsibility, accountability, and community participation. Meets weekly over the course of a semester (Not offered 2020-21).

.25 unit

**SO157** Beyond Development: Andean Social Movements and Their

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Summer only 2020-21).

1.5 units

**SO158** Globalization and Resistance in Latin America (in Ecuador)

This course will focus on how the current era of globalization shapes the political economy of the Andean region of Latin America with a particular emphasis on the effect of neoliberal policies and the proliferation of new social movements. Based for four weeks in Quito, Ecuador, students will be placed in volunteer internships with non-governmental organizations that work on issues such as indigenous rights, indigenous education, environmental issues, and emigration to the United States and Spain. Reading and writing assignments will be supplemented by lectures by Ecuadorian academics on various facets of globalization and visits to local community organizations. Students will live with families and participate in course field trips to various regions of the country. During the final two



weeks of the course, students will travel to La Paz and Cochabamba, Bolivia and meet with community organizations, academics, and government representatives engaged in issues such as privatization of water, nationalization of hydrocarbons, coca production and eradication efforts, indigenous activism, and efforts to expand free trade in the region. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Summer only 2020-21).

*Prerequisite:* Spanish 201 or equivalent. Program Fee: \$3,500. Taught in Quito, Ecuador.

2 units

### **SO190** Topics in Sociology

Examination of a variety of sociological issues and problems. Topics will vary from year to year depending on the interests and expertise of the faculty.

1 unit

### **SO208** Meeting our Neighbors: Experiencing Race and Ethnicity

(Summer only 2020-21).

1 to 2 units

### **SO214** Sociology of Religion

The study of the social organization and function of religion with emphasis on its interaction with other ideas, social structures, and processes. Consideration of major theorists (Durkheim, Weber, Troeltsch) will be integrated with contemporary socio-religious issues such as secularization, fundamentalism, televangelism, new religious movements, globalization, and the relations between religion and race, class, and gender. (No credit if taken after SO114. (Not offered 2020-21).

*Prerequisite:* Any 100-level Sociology or Religion course or consent of instructor.

1 to 2 units

### **SO215** Race and Ethnicity: A Global Perspective

(Summer only 2020-21).

1 unit

### **SO228** Social Theory

Introduction to the foundations of sociological theory from the 18th through the 21st centuries. Explores individual theorists and schools of thought and their interrelations. Emphasis on connections between theory and substantive areas of sociological research.

*Prerequisite:* Any two sociology courses or consent of instructor.

1 unit — Giuffre

### **SO229** Sociological Research Design

Survey of the variety of methods of sociological research, both quantitative and qualitative, focusing particularly on survey and interview, field research, content analysis, secondary analysis, experimentation, and historical-comparative methods. Labs will cover the basics of quantitative analysis and computer training in SPSS and N6. Includes the examination of exemplars from the sociological literature, as well as practice of hands-on research skills and sociological writing. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Any 100 level sociology course or consent of instructor.

1 unit — Murphy-Geiss

### **SO231** Youth Organizing and Social Change

This is a community based half-block/extended format introductory course. Our goal over half-block is to understand the theory of youth organizing and critical pedagogy. Colorado College students will then apply their learning via a partnership with local high school students. Colorado College students will mentor the high school students two afternoons per week throughout the spring semester with the goals of developing critical consciousness, facilitating critical pedagogies, and engaging the students in youth let community-based projects.

*Prerequisite:* Any 100-level sociology course or consent of instructor.

1 unit — Popkin, Valtierra

### **SO233** Spatial Analysis of Social Issues

Examines the relevance of place in social life and the role of spatial thinking and analysis in understanding social issues and promoting social change. Topics ranging from poverty to segregation, community development, public health, environment, crime, and demographic change may be addressed. Unequal access to community amenities or exposure to disamenities will be a common theme throughout. Emphasis on applied sociology and the application of mapping (GIS) and statistics in support of social justice advocacy, social awareness, and community-based research. Some prior experience with basic social statistics is required. No prior experience with GIS is required. (Not offered 2020-21).

*Prerequisite:* Sociology 229 or consent of instructor.

1 unit

### **SO235** Sociology of Family

An exploration of the social history of the American family, from its extended kinship form through the development of the nuclear family ideal, to the more varied forms existing in contemporary society. Emphasis is placed on how gender and race structure relationships within the family as well as the family forms themselves. Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* Any 100-level SO course or consent of instructor.

1 unit — Muñoz

**SO237** Latino Immigration and Social Change

Since the early 1980s, both legal and undocumented immigration to the United States have reached historic highs. This course examines contemporary migration from Latin America and how it has transformed urban and rural areas in the U. S. and prompted new questions about racial and ethnic diversity and immigrant rights. After considering the historical linkages between Latin America and the U. S. and the conditions that have generated high levels of migration, the course assesses urban economic restructuring and the ethnic and gendered divisions of labor, the role of immigrant networks in international migratory processes and immigrant organizing initiatives. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Any 100-level SO course or consent of instructor.

1 unit

**SO239** Population, Development and Cuban Society in the Era of

(Summer only 2020-21).

1 unit

**SO240** Law and Society

An examination of law as a ubiquitous and ongoing process in society. This course will consider broad interdisciplinary perspectives and models in law and society studies with special attention to social contexts, specific readings and case studies related to major law and society themes, and contemporary debates related to legal issues. Visits to El Paso County courts will include data collection on behalf of local court watch organizations. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Any 100-level Sociology course or consent of instructor.

1 unit

**SO241** The Nonprofit Sector

An exploration of the history, structure, and functions of the nonprofit sector especially in the United States. Topics will include philanthropy and voluntarism, the mixed (public-nonprofit) economy, the roles of the nonprofit sector in filling gaps left by the market and the state and in producing social capital, the rise of international nongovernmental organizations, and the emergence of new hybrid social enterprises with double - and triple-bottom lines. (Not offered 2020-21).

*Prerequisite:* Any 100 level SO class or consent of instructor.

1 unit

**SO243** Social Movements

An examination of the conditions that facilitate social movement activism and the strategic choices activists face as their movements develop. Analysis of the changing grievances and goals of social movements in late modern societies. Examples from recent social

movements of the left and right, such as the civil rights, student, women's, environmental, anti-tax, and anti-abortion movements. (Not offered 2020-21).

*Prerequisite:* Any 100-level SO course or consent of instructor.

1 unit

### **SO246** Sociology of Health and Medicine

Presents a sociological alternative and complement to the bio-medical paradigm and critically examines public health, the healthcare system, and medicine in their larger social, economic, and political milieus. Topics may address the social determinants of health; domestic and global health-related inequities; policy; and health work as a profession. Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* Any 100 level sociology class or consent of instructor.

1 unit — Roberts

### **SO247** Development and Social Change in the Global South

This course is an introduction to the sociology of 'third world' development and provides and overview of the causes and consequences of economic growth and social development in Latin America, Asia, and Africa. After reviewing the historical creation of the 'global south' and the theoretical explanations of development and underdevelopment, the course focuses on emerging trends associated with the current era of globalization including the changing international division of labor, the dominance of the International Monetary Fund and the World Bank and associated neoliberal economic policies, economic integration in the Western hemisphere, international migration, and both grassroots and state development initiatives. May meet either the Critical Perspectives: May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

*Prerequisite:* Any 100-level SO course or consent of instructor.

1 unit — Popkin

### **SO257** Globalization and Immigration on the U.S.-Mexico Border

This course will examine changing patterns of U.S. immigration policy in the U.S.-Mexican border region, with an emphasis on the criminalization of U.S. immigration policy, and assess this policy in the context of a broader review of immigration theory. Other issues that will be explored include: the conditions within Mexico and Central America that have generated emigration to the U.S., the nature/challenges of the migrant journey to the U.S., and the role that Latino labor plays in the U.S. economy. The class typically includes a field component along the U.S.-Mexico border. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

*Prerequisite:* Any 100-level SO course, Sophomore standing. Spanish language skills recommended and consent of instructor.

1 unit

### **SO265** Immigrant Communities in Colorado

The changing demographics of front range communities in Colorado and the socio-economic conditions that generate poverty will be examined as a case study of immigration theory. The increasing diversity of Colorado Springs, Denver, and Pueblo, due in part to high levels of immigration particularly from Latin America, creates new challenges for the city including the provision of adequate housing and social services and racial and ethnic integration in public schools and other institutions. This community based learning course offers students the opportunity to volunteer with a local organization serving immigrants. Particular emphasis will be placed on student teaching of English as a Second Language classes to recently arrived immigrants. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Any 100-level SO course or consent of instructor Spanish language skills recommended. Must complete 1/2 block & extended format to receive credit.

1 unit

### **SO267** Development and Grassroots Resistance in Latin America: Theory into Practice

This course reviews the prevalent theories within the field of sociology of development leading to specific examination of neoliberal and post neoliberal development policy in Latin America. Following this inquiry, the course explores the emergence of grassroots resistance in the region in the context of an assessment of new social movement theory. The course includes a substantial field component in Latin America. (Not offered 2020-21).

*Prerequisite:* Any 100-level SO course; consent of instructor.

1 unit

### **SO270** Contemporary French Society

An examination of contemporary French society through the sociological analysis of structure, culture(s), and everyday life, especially as compared to the United States. Topics include: religion/secularism, taxation and welfare, education, gender and sexuality, race and ethnicity, immigration, commerce, politics, the environment, families, work, health issues, leisure food, and time. Taught in France; conducted in English.

*Prerequisite:* Taught in France; conducted in English.

1 unit

### **SO280** Sociology of Education

Functions of the school in modern society. The school as a social system and as a formal organization. Development and allocation of resources to public education. Impact of social and technological change on the school. The school as an agent of social control and of innovation and change. Problems of education in the urban setting, including the desegregation issue. (No credit if taken after SO380.)

*Prerequisite:* Any 100-level SO course or consent of instructor.

1 unit — Wong

### **SO290** Advanced Topics in Sociology:

A more specialized examination of a variety of sociological issues and problems. Topics will vary from year to year depending on the interests and expertise of the faculty.

*Prerequisite:* Any 100 level SO class or consent of instructor.

1 unit — Figueroa/Figueroa, Hughes/Hughes, Popkin, Rojo

### **SO292** Sociology of Body and Health

Investigates critical theories of the body in order to examine how the human body has been used as an object of medicine and a form of social control. The content in the course combines theories of the body rooted in feminist studies and sociology of health and illness with foundations in the method of content analysis. In the course, students will use their methodological training to launch their own investigation of the body as a social construction with complex meanings related to gender, race, sexuality, and social class. Topics covered may include weight, sex assignment, beauty, athletics, illness, and ability.

*Prerequisite:* Any Sociology 100 level or above or consent of instructor.

1 unit — Muñoz

### **SO301** Quantitative Research Methods

Fundamental issues in quantitative research design, data collection, and analysis. It focuses on more advanced analytical techniques, including spatial and regression analysis, making use of core software programs such as Stata, SPSS and GIS. Emphasis on the practical application of statistical methods to analyze sociological data, as well as the interpretation and presentation of results. Required of majors who do not take SO 302-Qualitative Research Methods.

*Prerequisite:* Sociology 228 and Sociology 229 or consent of instructor.

1 unit — Roberts

### **SO302** Qualitative Research Methods

Prepares students to conceptualize, design, and conduct research and to analyze and interpret data obtained through qualitative methods such as field research, participant observation, in depth interviewing, narrative analysis and action research. Required of majors who do not take SO 301-Quantitative Research Methods.

*Prerequisite:* Sociology 228 and Sociology 229; or consent of instructor.

1 unit — Muñoz

### **SO303** Sociology of Sexuality

An advanced examination of the ways in which sexual identities, desires and practices are socially constructed and, as such, how they vary historically and culturally. Addresses a range of theoretical and methodological approaches that have contributed to the sociological study of sexuality, including psychoanalytic theory, survey research, social constructionism, feminist theory, critical race theory and queer theory. Specific topics include the political economy of sex; the construction of sexual identities; intersections of sexuality, gender, race

and class; social movements; sexuality and institutions; families; marriage 'moral panics.'  
Offered in some years as a field research and writing course. (Not offered 2020-21).

*Prerequisite:* Sociology 228 and Sociology 229; or consent of instructor.

1 unit

### **SO303** Sociology of Sexuality

An advanced examination of the ways in which sexual identities, desires and practices are socially constructed and, as such, how they vary historically and culturally. Addresses a range of theoretical and methodological approaches that have contributed to the sociological study of sexuality, including psychoanalytic theory, survey research, social constructionism, feminist theory, critical race theory and queer theory. Specific topics include the political economy of sex; the construction of sexual identities; intersections of sexuality, gender, race and class; social movements; sexuality and institutions; families; marriage 'moral panics.'  
Offered in some years as a field research and writing course. (Not offered 2020-21).

*Prerequisite:* Sociology 228 and Sociology 229; or consent of instructor.

1 unit

### **SO310** Internship in Social Organization

Course designed for the student to intern in an organization which is closely related to the work of one or more standard sociology courses. Students will test a body of classroom theory or description against 'reality.' Students will examine and describe the structure and workings of the organization and be of assistance to the organization. Must be arranged at least one block in advance. May be taken as a block course(s) for 1 or 2 units, as a yearlong course for 1 unit, as a half block course for .5 unit, or over 4 blocks for .5 unit.

*Prerequisite:* Sociology 228 and Sociology 229; or consent of instructor.

.5 to 2 units

### **SO311** Community Based Praxis

A course designed to put sociology into practice for a community, organization, or movement. A praxis course is distinguished by genuine collaboration with community partners and by a process of reflection that incorporates lessons learned in the classroom and application of theoretical understandings to work for social change. Must be arranged at least one block in advance. May be taken as a block course(s) for 1 unit, as a year long course for 1 unit, or as a half block or semester long course for .5 unit.

*Prerequisite:* Sociology 228 and Sociology 229.

1 unit — Murphy-Geiss

### **SO312** Communities & Networks

How different types of community structures allow for different types of individual and group actions - deviance and conformity, successful and unsuccessful challenges to outside authority, the emergence of spectacular subcultures. Both historical and more contemporary

case studies. Emphasis on network theory and its applications, using computer programs to analyze relations among actors. No prior programming experience is necessary. (Not offered 2020-21).

*Prerequisite:* Sociology 228 and Sociology 229; or consent of instructor.

1 unit

### **SO314** Sociology of Culture

Examines the social base for cultural institutions, for constructing cultural meanings and for producing both high and popular culture. Cultural institutions as seats of both power and conflict. The impact of cultures and subcultures on identity formation. The response of cultural institutions to the rise of postmodernity.

*Prerequisite:* Sociology 228 and Sociology 229; or consent of instructor.

1 unit — Giuffre

### **SO316** Development and Underdevelopment in Africa

Explores the social organization of development and underdevelopment in Africa. Issues covered may include: the role of nongovernmental organizations (NGOs) in failed and weak state contexts; obstacles to political development and institution building; inequality and structures of global economic integration; the politics and impact of international aid; the critical status of women and their place in development; the impact of and organizational response to AIDS; the origins, impact, and resolution of civil conflict. Field study component entails extra expenses for students and requires an enrollment limit of 10 students (expandable depending on field site logistics). (Not offered 2020-21).

*Prerequisite:* Sociology 228 and Sociology 229; or consent of instructor.

1 unit

### **SO318** Politics, Inequality, and Social Policy

Examines ways in which sociology offers critical insight into social inequalities and how such insight can inform social policy and political efforts for social change.

*Prerequisite:* Sociology 228 and Sociology 229; or consent of instructor.

1 unit — Roberts

### **SO322** Symbolic Interactionism

An examination of the major principles and arguments of symbolic interactionist theory and its applications. Symbolic interactionism is an approach to studying the social world that privileges micro-level phenomena. Particular attention is paid to interactional accomplishments of self and identity, the nature, structure, and norms of social interaction, and interactional regulation of bodies and emotions (Not offered 2020-21).

*Prerequisite:* Sociology 228 and Sociology 229; or consent of instructor.

1 unit



**SO324** Urban Sociology

This course centers on ideas of space, place, and community and relates them to major theoretical approaches in sociology. It explores the history of urbanization and urbanism, how people are socially and spatially organized, how urban life affects social interaction, and the stratification of neighborhoods as it relates to inequality more broadly. Particular attention is paid to place-related topics such as housing, education, employment, crime, development, politics, and gentrification.

*Prerequisite:* Sociology 228 and Sociology 229; or consent of instructor.

1 unit — HughesHughes

**SO343** Independent Study:

Library or primary research or a combination thereof in an area of sociology in which the student has a personal interest, curiosity, or concern.

*Prerequisite:* Sociology 228 and Sociology 229; or consent of instructor.

.5 to 2 units

**SO344** Independent Study:

Library or primary research or a combination thereof in an area of sociology or social psychology in which the student has a personal interest, curiosity, or concern.

*Prerequisite:* Sociology 228 and Sociology 229; or consent of instructor.

.5 to 1 unit

**SO345** Research Topics in Sociology:

*Prerequisite:* Sociology 228 and Sociology 229; or consent of instructor.

1 unit

**SO390** Advanced Topics in Sociology:

A more specialized examination of a variety of sociological issues and problems. Topics will vary from year to year depending on the interests and expertise of the faculty.

*Prerequisite:* Sociology 228 and Sociology 229 or consent of instructor.

1 unit — Rojo

**SO411** Community Based Praxis

A course designed to put sociology into practice for a community, organization, or movement. A praxis course is distinguished by genuine collaboration with community partners and by a process of reflection that incorporates lessons learned in the classroom and application of theoretical understandings to work for social change. Must be arranged at least one block in advance. May be taken as a block course(s) for 1 unit, as a year long course for 1 unit, or as a half block or semester long course for .5 unit. (Not offered

2020-21).

*Prerequisite:* Sociology 228 and Sociology 229.

.5 to 1 unit

### **SO450** Senior Thesis

An independent project on a topic of the student's choice. The project might entail a position paper, empirical research designed to test a hypothesis or describe some phenomena, a theoretical piece dealing with an important sociological problem, or a combination of the above.

*Prerequisite:* Sociology 301 or Sociology 302; any one 300-level sociology elective.

1 unit — Giuffre, Muñoz, Popkin, Roberts

### **SO451** Senior Seminar

Advanced study of a topic of sociological significance.

*Prerequisite:* Sociology 450.

1 unit — Giuffre

## **Spanish and Portuguese**

*Applicable for the 2020-2021 academic year.*

**Spanish and Portuguese Website** (<http://www.coloradocollege.edu/academics/dept/spanish/>).

Associate Professor: Wood, N. (Chair), Ruiz, C., Arroyo-Rodriguez, D., Marinescu, A.;  
Visiting Assistant Professor: Castro, A., Herbozo-Duarte, J.

## **REQUIREMENTS FOR THE HISPANIC STUDIES MAJOR**

### **Major Requirements**

#### **HISPANIC STUDIES MAJOR (Revised March 2020)**

##### Core Course Requirements

1. Two prerequisite courses: 305 (or 312) & 306
2. Three Thematic core courses:
  1. SP350 “Transatlantic Studies”
  2. SP360 “Studies of Periodization”
  3. SP370 “Genre Studies”
3. Four 300-level elective courses; may include one CLAC designated interdisciplinary course or one PG designated course or one relevant course taught outside of the department and approved by student petition; may include up to 2 units of transfer credit from non-CC study abroad program.

#### 4. One SP433 Culminating Project

TOTAL: 10 units

#### **Romance Languages (Spanish Major; second language focus in French, Italian or Portuguese)**

- Primary focus in either Spanish, French or Italian (choose one)
- Secondary language in either Spanish, French, Italian or Portuguese (choose one)
  1. Two prerequisite courses: 305 (or 312) and 306
  2. Three literature or culture courses at 300-level
  3. One course in Research Methods (431)
  4. One course for Senior Thesis or Project (432 or 433)
  5. Second-language focus
    - Courses for second-language focus in Spanish, French, Italian or Portuguese: 305 and 2 additional culture or literature courses
  6. Third-language focus
    - 101 level Spanish, French, Italian, Portuguese or Latin

TOTAL: 11-12 units

Up to two courses from an unaffiliated program (study abroad or transfer credit) will be accepted into the major. Students must consult with advisor prior to participation on study abroad programs and must submit course syllabi and other materials (papers, exams, etc.) upon return from study abroad for major credit. Students who study abroad on programs other than Colorado College's must take at least two courses beyond 306 at Colorado College in addition to 431 and 432 (or 433) as well as complete the major requirements as described above, to receive a Spanish degree from the college.

SP299 and adjunct courses do not count towards the major.

Distinction is awarded based on senior thesis (432) and departmental work.

Students who study abroad on programs other than Colorado College's must take at least two courses beyond 306 at Colorado College in addition to 431 and 432 (if student meets thesis requirements), as well as completing major requirements as described above, to receive a Spanish degree from the college. Students who are not eligible for 432 must take an additional upper division course to satisfy the 10-unit Spanish major requirement and the 11–12 unit Romance languages Spanish major requirement.

Transferring students and students who have taken the Advanced Placement exam should contact the department before taking any language or literature course, since some of the requirements for the major may be waived.

### **Minor Requirements**

#### **Spanish Minor -- 5 units beyond SP201:**

All students who wish to minor in Spanish must complete five units beyond SP201. The prerequisite for admission to the minor is SP201 (2 units) or equivalent. Students must complete a minimum of five courses, including the following: 305, 306 and three additional courses from 300-level courses. College transfer credit will be accepted, but at least three 300-level Spanish

courses must be completed at Colorado College. Up to two units of credit from an unaffiliated program (either study abroad or transfer credit) will be accepted into the minor. SP 299 and adjunct courses do not count towards the minor.

## Courses

### Spanish

#### **SP100** Pre-Elementary Spanish

This course is intended for students with no previous Romance Language experience, who have never studied Spanish before. A systematic introduction to grammar, pronunciation and the differences between Spanish and English structures. (Not offered 2020-21).

*Prerequisite:* No prior Spanish.

.5 unit

#### **SP101** Elementary Spanish

Study of basic grammatical structures and patterns with exercises meant to develop proficiency in speaking, listening, reading and writing presented in a cultural context.

*Prerequisite:* Language Placement Examination Required.

1 or 2 units — Cardenas, Castro, Herbozo Duarte, Norton

#### **SP103** Review of Elementary Spanish

A lower-level maintenance course for students who plan to continue their study of Spanish. A systematic review of grammar with supervised conversation practice.

*Prerequisite:* Spanish 101 or equivalent.

.25 unit — Gracia

#### **SP104** Review of Elementary Spanish

A lower-level maintenance course for students who plan to continue their study of Spanish. A systematic review of grammar with supervised conversation practice.

*Prerequisite:* Spanish 101 or equivalent.

.25 unit — Gracia

#### **SP111** Elementary Spanish in Spain

(Summer only 2020-21).

*Prerequisite:* consent of instructor & Program Fee: \$4,200.

2 units

**SP201** Intermediate Spanish

Review of fundamentals of Spanish grammar, composition, reading, and oral practice. Readings and discussion periods on topics of Hispanic cultures including literature, art, music and film.

*Prerequisite:* Spanish 101 or equivalent.

2 units — Castro, Mendez-Hasselmann, Norton

**SP203** Oral Review of Intermediate Spanish

An upper-level maintenance course for students who plan to continue their study of Spanish. A systematic review of grammar with supervised conversation practice.

*Prerequisite:* Spanish 201 or equivalent.

.25 unit — Gracia

**SP204** Oral Review of Intermediate Spanish

An upper-level maintenance course for students who plan to continue their study of Spanish. A systematic review of grammar with supervised conversation practice.

*Prerequisite:* Spanish 201 or equivalent.

.25 unit — Gracia

**SP209** Spanish Theater Workshop

Participation in performance and production of a Spanish-language play, presented in Spanish. Rehearsal time 6-8 weeks. (Not offered 2020-21).

.25 unit

**SP211** Intermediate Spanish in Spain

(Summer only 2020-21).

*Prerequisite:* consent of instructor & Spanish 111. Program Fee: \$4,200.

2 units

**SP301** Review of Language with Emphasis on Civilizations and Cultures of the Spanish-speaking Regions

*Prerequisite:* Spanish 201.

.25 unit — Gracia

**SP302** Review of Language with Emphasis on Civilizations and Cultures of the Spanish-speaking Regions

*Prerequisite:* Spanish 201.

.25 unit — Gracia

### **SP304** Cultural Context and Oral Practice

Transitional course between intermediate-level and advanced level language courses. Students will develop higher levels of listening comprehension, oral competence, and socio-cultural communicative proficiency and will acquire oral strategies of expression through the study of written and recorded cultural material dealing with a variety of aspects, issues, and realities of the Spanish speaking world. Student activities in the course will include interactive oral presentations of selected web-based materials, of reading and recordings from targeted cultures such as: comic strips, articles, magazines, film clips, songs, etc.

*Prerequisite:* 201 or equivalent.

1 unit — Herbozo Duarte

### **SP305** Cultural Context and Written Expression

Intensive writing and conversation through the study of literary and cultural texts of the Spanish-speaking world. Thematic focus will be determined by instructor.

*Prerequisite:* Spanish 201 or equivalent.

1 unit — Cardenas, Castro, Wood

### **SP306** Cultural Context and Critical Analysis

Continues the acquisition of the Spanish language and trains students in the most important methods of critical analysis through readings in different genres.

*Prerequisite:* 305 or equivalent.

1 unit — Cardenas, Herbozo Duarte, Ruiz

### **SP307** Hispanic Culture

The study of Hispanic societies and their cultural productions, such as film, art, music, language and literature. Ordinarily taught as part of a foreign study program. (Not offered 2020-21).

*Prerequisite:* Spanish 305 or consent of instructor.

1 unit

### **SP308** Culture and Language Across the Curriculum in Spanish

This course may be taught in the Spanish and Portuguese Department or cross-listed in another Program or Department. The course must include some readings/discussion in Spanish and written assignments will be produced in Spanish. Cross-lists must be approved by Spanish and Portuguese Department. Topics will vary depending on instructor. 1 unit.

*Prerequisite:* Spanish 201.

1 unit

**SP312** Oral Practice and Composition Abroad

Advanced composition and conversation through the study of literary and cultural texts. Ordinarily taught as part of a foreign study program.

*Prerequisite:* Spanish 201 (or equivalent) and consent of instructor.

1 unit — Marinescu

**SP316** Topics in Hispanic Literature and Culture

Study of Hispanic authors, genres, literary periods, cinema or cultural trends not represented in the regular curriculum. The structure of the particular course is determined by the nature of the topic and the preference of the instructor.

*Prerequisite:* Spanish 306.

1 unit — Castro, Herbozo Duarte, Marinescu

**SP350** Transatlantic Studies:

This course will explore cultural expression from a comparative focus on the Iberian Peninsula, the Americas and/or Africa. The aim is to move beyond the north-south, east-west divisions and challenge nationalistic narratives and instead privilege a critical, transnational, and comparativist reconstruction of Atlantic archives. Texts, expressive forms, regions and time periods under study will vary depending on instructor. May be repeated once for elective credit with a different instructor and topic. 1 unit.

*Prerequisite:* Spanish 306.

1 unit — Marinescu

**SP360** Studies of Periodization:

This course highlights the role of periodization in literary studies focusing on cultural production from periods prior to the 19th century. The purpose is to expose students to the intrinsic value of learning about pre-Columbian, Medieval, Golden Age, Colonial and other Early Modern periods. This course serves to ensure that students will understand the relationship between power, discourse and knowledge production across centuries. Expressive forms and specific time periods under study will vary depending on instructor. May be repeated once for elective credit with a different instructor and topic. 1 unit.

*Prerequisite:* Spanish 306.

1 unit

**SP370** Genre Studies:

This course allows students to engage in a close study of one specific genre of cultural production. The objective of this course is an in-depth focus on the formal qualities and characteristics of the genre under study. Courses may include, but are not limited to: the novel, the essay, the short story, poetry, theater, film, visual and/or performing arts, etc. Texts, expressive forms, geographical emphasis and time periods under study will vary

depending on instructor. May be repeated once for elective credit with a different instructor and topic. 1 unit.

*Prerequisite:* Spanish 306.

1 unit — Ruiz

### **SP409** Independent Reading:

Senior majors only. Departmental consent. Primarily for senior thesis work beyond regularly scheduled courses and not available to substitute for those courses.

1 unit — Marinescu

### **SP432** Honors Senior Thesis

Intensive writing and supervised revision of senior thesis with oral defense. The work will be carried independently under the supervision of a regular Spanish faculty member. Thesis will be written in Spanish and will be 40-50 pages in length; it will demonstrate sufficient and clear proficiency in written Spanish, critical analysis of relevant cultural productions, and integrated research in the area of study. Open only to students who have satisfied GPA requirements of 3.5 and 3.7 from the college and the department, respectively. Students who successfully complete this course will be eligible to apply to graduate with Distinction.

*Prerequisite:* Spanish 431. Only open to majors with 3.5 (college) & 3.7 (dept.) GPA's.

1 unit — Marinescu, Ruiz, Wood

## **Portuguese**

### **PG103** Review of Elementary Portuguese

An elementary-level maintenance course for students who plan to continue their study of Portuguese. A systematic review of grammar with supervised conversation practice. (Not offered 2020-21).

.25 unit

### **PG104** Review of Elementary Portuguese

An elementary-level maintenance course for students who plan to continue their study of Portuguese. A systematic review of grammar with supervised conversation practice. (Not offered 2020-21).

.25 unit

### **PG199** Brazilian Music and Language

This course will introduce students to some of the musical traditions of twentieth and twenty-first century Brazil as well as basic communication in Portuguese language. Students will explore traditions such as forró, samba, bossa nova, tropicália, MPB, sertaneja, batucada, funk, among others. Course may be taught in Portuguese depending on enrollment and prior language experience of students.



.5 unit — Wood

**PG203** Oral Review of Intermediate Portuguese

An intermediate-level skills maintenance course for students who plan to continue their study of Portuguese. A systematic review of grammar with supervised conversation practice. (Not offered 2020-21).

*Prerequisite:* Portuguese 298 or equivalent.

.25 unit

**PG204** Oral Review of Intermediate Portuguese

An intermediate-level skills maintenance course for students who plan to continue their study of Portuguese. A systematic review of grammar with supervised conversation practice. (Not offered 2020-21).

*Prerequisite:* Portuguese 298 or equivalent.

.25 unit

**PG216** Topics in Brazilian Culture

This course will explore Brazilian authors, genres, literary periods, cinema or cultural trends at the introductory level. The structure of this course is determined by the nature or the topic and the preference of instructor. This course will be conducted in English or Portuguese, at instructor discretion. May be taught in Brazil. (Not offered 2020-21).

1 unit

**PG300** Portuguese for Spanish-speakers

This course is designed for students who are either native speakers of Spanish or those who have studied Spanish through the intermediate level. This course will rely upon the linguistic skills attained by Spanish-speakers to introduce grammatical structures and vocabulary at an accelerated pace. The focus of the course will be on communication within Brazilian Portuguese including speaking, listening, writing, and reading. Using a communicative and context-based methodology this course will take students through the intermediate level of Portuguese and prepare them for more advanced language study.

*Prerequisite:* Portuguese 101, Spanish 201, placement into Spanish 305 or consent of instructor. .

1 unit — Wood

**PG301** Review of Language with Emphasis on Civilizations and Cultures of the Portuguese-speaking Regions

(Not offered 2020-21).

*Prerequisite:* Consent of instructor and Portuguese 300.

.25 unit

**PG302** Review of Language with Emphasis on Civilization and Cultures of the Portuguese-speaking Regions

(Not offered 2020-21).

*Prerequisite:* Consent of Instructor and Portuguese 300.

.25 unit

**PG307** Lusophone Language and Cultures

Introduction to one or several Lusophone countries through Portuguese language study and their cultural productions, such as film, art, music, and literature. Ordinarily taught as part of a foreign study program.

*Prerequisite:* Spanish 201, Portuguese 300 or consent of instructor.

1 unit

**PG308** Culture and Language Across the Curriculum in Portuguese

This course may be taught in the Spanish and Portuguese Department or cross-listed in another program or department. The course must include some readings/discussion in Spanish and written assignments will be produced in Portuguese. Cross-lists must be approved by Spanish and Portuguese Department. Topics will vary depending on instructor.  
1 unit.

*Prerequisite:* Portuguese 300.

1 unit — Oliveira de Jesus

## Theatre and Dance

*Applicable for the 2020-2021 academic year.*

**Theatre and Dance Website** (<http://www.coloradocollege.edu/academics/dept/theatredance/>)

Professor LINDBLADE; Associate Professors PLATT(Chair), Davis, WOMACK, Assistant Professor SRIRAM, SANCHEZ; Adjunct Associate Professor AMES. Lecturer HERMINJARD; Part-time Faculty MERCER; Administrative Assistant QUINN; Technical Director MARTIN; Assistant Technical Director HAMILTON; Costume Shop Supervisor AVRAMOV; Guests in Theatre and Dance: ROLLINS, SMITH, AMIN, JULES, DEJESUS, ARONSON, ROODHYUZEN, MARNI, GOUDIABY, ECKWALL, LAUTHER, KOENIG, RIKER and DOBSON

- In theatre and dance, students learn fundamental practical skills, including acting, design, and dance technique in preparation for advanced seminars and interdisciplinary studio courses. Both seasoned majors and first-time performers have many opportunities to perform in our mainstage productions. In the classroom, we introduce diverse bodies of knowledge including dramatic literature, dance history, and critical theories of race, ethnicity, and gender to prepare students for contemporary artistic investigations. We are

equally attentive to the present as well as the past by offering our students intensive experiences with renowned visiting artists. We also offer regular opportunities for academic travel so that students can experience singular performances and practical experience in off-campus destinations.

## Major Requirements

### Theatre

**Theatre majors must complete a minimum of 13.25 units for the major:**

- 6.25 units required from Principal Courses: TH105 Acting 1; TH110 Fundamentals of Performance Design; TH206 Directing; TH303 Junior Seminar; TH301 Senior Thesis Proposal (.25 unit); TH304 Advanced Performance; TH404 Senior Thesis Project.
- Two units from Historical Perspectives: TH220 Origins of Theatre; TH221 Medieval and Renaissance Theatre; TH222 Neoclassic, Romantic, and Commedia del Arte; TH223 Modern Theatre; TH224 Contemporary Performance 1950–Present.
- One unit from Intercultural Perspectives; TH229 Rewriting America; TH328 Theatre and the Politics of Action.
- One unit from Interdisciplinary Perspectives: TH326 Performance Studies; TH327 Feminist Performance; TH329 Queer Performance and Body Politics.
- Two units of Electives: Choose from any Theatre or Dance Course.
- .25 unit Acting in a Department production: TH212, 213, 214, or 215 Theatre Studio Work/Acting (.25 unit each).
- .75 unit in Technical Theatre: choose from TH101 & TH102: Stagecraft (.25 unit) and/or TH212, 213, 214, 215 Theatre Studio Work/Technical (.25 unit each).

Outstanding work will be rewarded with distinction upon graduation. Please consult the [online Handbook for Theatre and Dance Majors](#) for further information on the major.

### Dance

**Dance majors must complete a minimum of 13.25 units in the major:**

- 6.25 units required from Principal Courses: DA110: Fundamentals of Performance Design; DA211: Choreography; DA221: Historical Perspectives in Dance; DA301: Senior Thesis Proposal (.25 units); DA303: Junior Seminar; DA304: Advanced Performance; DA404: Senior Thesis Project.
- One unit from Intercultural Perspectives: DA311: Cultural Perspectives in Dance.
- One unit from Interdisciplinary Perspectives: DA326: Performance Studies; DA327: Feminist Performance; DA329: Queer Performance and Body Politics.
- Two units Elective: Two Block courses in Theatre or Dance or one block course + one unit of dance technique electives.
- Two units Required Dance Studio adjuncts: .5 units in *Classical Forms*: Ballet at the 200-400 level, DS221: Bharata Natyam, DS405: Graham Technique; .5 units in *Somatic Practices*: DS245: Pilates, Yoga, QiGong, Gyrotonics; .5 units in *Contemporary Practices*: Contemporary Dance Technique at 200-400 level, DS224: Improvisation; .5 units in *Intercultural/Community-based*

*Dance:* DS218/19: African Dance, DS231/32: Hip-hop, DS320: Hip-hop II.

- .25 unit of dance performance for DanSix: DA425 or TH214.
- .75 unit in Technical Theatre: Choose from DA/TH101, 102: Stagecraft (.25 unit) and/or DA212–215: Theatre Studio Work/Technical (.25 unit each).
- The dance technique courses for the major will now require .50 units taken from at least three of the four following categories for a total of 1.5 units: Classical Forms (Ballet, Balinese Dance), Somatic Practices (Pilates, Yoga, QiGong), Contemporary Practices (Contemporary Dance, Improvisation), and Intercultural/Community (African Dance, Hip-Hop, Latin Dance, Samba, Contact Improvisation).
- The dance technique courses for the major will now require .50 units in Dance Fundamentals.

## Minor Requirements

### Theatre

**Theatre minors must complete a minimum of 6.25 units for the minor:**

- Two units required from Principal Courses: TH105 Acting 1; TH206 Directing.
- One unit from Historical Perspectives: TH220 Origins of Theatre; TH221 Medieval and Renaissance Theatre; TH222 Neoclassic, Romantic, and Commedia del Arte; TH223 Modern Theatre: Realisms and Anti-Realisms; TH224 Contemporary Performance 1950-Present.
- One unit from Intercultural or Interdisciplinary Perspectives: Th229 Rewriting America: Playwrights & Cultural Identity; TH328 Theatre and the Politics of Action.
- One Elective: at the 300 level in theatre and dance. See the online course schedule on Self-Service Banner to choose from our many course offerings
- Theatre minors must complete an approved Junior or Senior Integrative Project: that is either appended to TH 303, TH 304, TH 326-329, or TH325 Project in Theatre.
- .25 unit in Technical Theatre: choose from TH101 & TH102: Stagecraft (.25 unit) or TH212, 213, 214, 215 Theatre Studio Work/Technical (.25 unit each)

#### Note:

- The department is affiliated with two thematic minors: Performance Design and The Arts: Theory and Practice. Please see "Thematic Minors" in the catalog

### Dance

**Dance minors must complete a minimum of 6.5 units in the minor:**

- One unit of required block courses: DA221: Choreography,
- One unit of required Intercultural Perspectives: DA211: Historical Perspectives in Dance (recommended) or DA311: Cultural Perspectives in Dance.

- Two units of Electives in Theatre and Dance
- One unit of Technique Adjuncts: 1 unit completed in at least three out of four categories: *Classical Forms*: Ballet at the 200-400 level, DS221: Bharata Natyam, DS405: Graham Technique; *Somatic Practices*: DS245: Pilates, Yoga, QiGong, Gyrontonics; *Contemporary Practices*: Contemporary Dance Technique at 200-400 level, DS224: Improvisation; *Intercultural/Community-based Dance*: DS218/19: West African Dance, DS231/32: Hip-hop, DS320: Hip-hop II,
- .25 units in Technical Theatre: choose from TH101 & TH102: Stagecraft (.25 unit) or TH212, 213, 214, 215: Theatre Studio Work/Technical (.25 unit each). Technical theatre job requirements for the minor should ideally be completed before the final semester of the minor.
- One unit of 300-level elective or Integrative project: Dance minors must either complete 300-level dance elective or an approved integrative project in their junior or senior year (DA325: Projects in Dance)
- The dance technique courses for the minor will now require .25 units taken from at least three of the four following categories for a total of .75 units: Classical Forms (Ballet, Balinese Dance), Somatic Practices (Pilates, Yoga, QiGong), Contemporary Practices (Contemporary Dance, Improvisation), and Intercultural/Community (African Dance, Hip-Hop, Latin Dance, Samba, Contact Improvisation).
- The dance technique courses for the minor will now require .25 units in Dance Fundamentals.

## Courses

### Dance Theory

#### **DA100** Ritual, Theatre, Performance

This course surveys the history of theatre in the context of Western artistic and literary traditions. Students will read and watch plays as well as examine how theatre relates to philosophy, poetry, politics, and religion. The course includes screenings, field trips to attend performances, and interactive workshops led by department faculty on creative aspects of the discipline. The first block of the course begins by studying sacred rituals that influenced the origins of theatre in ancient Greece. It then examines forms of drama developed in succeeding eras, including medieval pageants, Renaissance masques, Shakespearian plays, and Restoration comedy. In the second block, we look at a combination of contemporary and historical plays that address changes in the 18th and 19th centuries that led to the development of realism in modern theatre. It pays special attention to how subsequent playwrights and choreographers use or subvert realism in order to challenge ideas about gender, race, and nationality. (Not offered 2020-21).

1 to 2 units

#### **DA101** Stagecraft Practicum

A basic technical theatre adjunct course connected to a main stage production. Covers the vocabulary, theory, skills and application within the technical areas of sets, stage

management, and production crew. Emphasizes the collaborative nature of technical theatre in production. (Not offered 2020-21).

.5 unit

### **DA107** Art, Spectacle, and Society

Examines the rise of spectacle culture in social events, popular culture, and mass media in the United States, such as Burning Man, Mardi Gras, Las Vegas, Halloween, carnivals, freak shows, professional wrestling, historical reenactments, fantasy cons, zombie walks, flash mobs, cult films, and mega-churches. Uses readings by Richard Schechner and Victor Turner to introduce fundamental concepts from the field of performance studies, including ritual, theatre, and play. Additional texts by scholars such as Joseph Roach, Umberto Eco, and Guy Debord are used to critique the role of race and gender in late capitalism and to identify the potential for performance as a form of political resistance. Students may expect frequent short field trips and participatory assignments. (Not offered 2020-21).

1 unit

### **DA110** Fundamentals of Performance Design

Emphasizes the collaborative nature of 3-dimensional live performance design, its vocabulary, theory and application with a focus on aesthetic integration. Combines artistic practice with critical inquiry to engage simultaneously in creative development and analysis. Class projects introduce students to research, visual analysis, sketching, model making, and presentation skills. Historical and current performance design trends. No prior experience in theatrical productions expected

1 unit — Davis

### **DA125** The Body in Motion

An introductory dance course taught through explorations based in the body. Employing basic kinesiology and anatomy, somatic practices, dance composition, and movement improvisation, it broadly investigates the interconnection between body and mind. How might our bodies be a source of knowing? How does movement communicate? Both experiential and theoretical, students will explore their movement potential, move extemporaneously, analyze movement and arrange movement using choreographic procedures. No previous dance experience is necessary to enjoy this course.

1 unit — Womack

### **DA200** Topics in Dance

Courses offered by resident and visiting faculty on specialized topics.

1 unit — Hilberry, Otake, Sriram, Womack

### **DA200** Topics in Dance

Courses offered by resident and visiting faculty on specialized topics.

1 unit — Hilberry, Otake, Sriram, Womack

**DA211** Historical Perspectives in Dance

Introduction to dance history as drawn from ballet, modern, social dance, and contemporary performance. Examines critical methodologies, key authors, and current research in the field of Dance Studies. Topics may address interdisciplinary concerns, social issues, or representations of gender, race, nationality and class. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Sriram

**DA212** Theatre/Acting Studio

Studio work in technical theatre, or studio work in acting required for the major. Students will earn technical theatre credit for work done on a specific departmental production over a span of 2 blocks. Subheading indicates type of work and title of the production. (Not offered 2020-21).

.25 to 1 unit

**DA213** Theatre/Acting Studio:

Studio work in technical theatre, or studio work in acting: required for the major. Students will earn technical theatre credit for work done on a specific departmental production over a span of two blocks. Subheading indicates type of work and title of the production. (Not offered 2020-21).

.25 unit

**DA214** Theatre/Acting Studio:

Studio work in technical theatre, or studio work in acting: required for the major. Students will earn technical theatre credit for work done on a specific departmental production over a span of two blocks. Subheading indicates type of work and title of the production. (Not offered 2020-21).

.25 unit

**DA215** Theatre/Acting Studio

Studio work in technical theatre, or studio work in acting; required for the major. Students will earn technical theatre credit for work done on a specific departmental production over a span of 2 blocks. Subheading indicates type of work and title of the production. (Not offered 2020-21).

.25 unit

**DA221** Choreography

A theoretical and practical investigation of dance composition. .25 unit of Beginning Modern Dance or Dance Improvisation or prior dance experience recommended.

1 unit — Herminjard

**DA223** Improvisation

Practical work in dance improvisation, frequently in collaboration with musicians and artists, to evolve an expanding vocabulary of movement, voice and performance possibilities. Limited to 20. (Not offered 2020-21).

.25 unit

### **DA224** Contemporary Performance 1950- Present

Using an interdisciplinary arts approach, investigates varied performance aesthetics, theory and practices of the later 20th and early 21st century with a focus on the American experience, new and disenfranchised voices, and hybrid genres in the arts. Considers perspectives in music, dance, directing, multimedia, and of theorists and playwrights. Disillusionment of the post-WWII era, voices of protest, agitation/propaganda, performance art, and identity politics; Gay, Lesbian, Bi-sexual and Transgender performance, race relations, and the feminist aesthetic. (Not offered 2020-21).

.25 to 1 unit

### **DA228** Experimental and Expanded Cinema

Experimental and Expanded Cinema Examines alternative approaches to cinema developed after 1960 by independent filmmakers and interdisciplinary artists working with animation, puppetry, video, performance, and installation. Uses readings by scholars such as P. Adams Sitney, Steven Shaviro, and Laura Marks to explore the visual and tactile qualities of film, the relationship between mainstream and experimental cinema, and social attitudes towards new technologies. (Not offered 2020-21).

1 unit

### **DA230** Video Dance

Introduction to creating dance specifically for the video medium, also known as video dance. Investigates ways that choreographers might use video technology as a creative tool. Aspects include production of video, audio, and choreography with the aim of fusing these elements.

1 unit — Herminjard

### **DA232** Performance Away

The class takes place in a selected city and sees and analyzes a wide range of performances including drama, dance, opera, puppetry, solo performance, circus, site-specific work, foreign language performance and experimental work in all genres. Explores the social, historical and national parameters of the performances and the past and present performance history and significance of the city. 1 unit.

1 unit

### **DA237** The Art of Insurgency: Performance and Political Order

Investigates the arts' relation to narratives of power--those stories that justify why certain structures dominate, and why alternatives do not. An examination into those arts that expose these narratives, reveal silenced alternatives, and present challenger stories that aspire to



power themselves. Includes two weeks of study in Serbia and Bosnia. Course fee/Passport and Visa, where needed. Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* Includes two weeks of study in Serbia and Bosnia. Course fee/Passport and Visa, where needed.

1 unit — Gould, Womack

### **DA300** Topics in Dance:

Courses offered by resident and visiting faculty on specialized topics. (Not offered 2020-21).

1 unit

### **DA301** Senior Thesis Proposal

Supervised sessions with Theatre and Dance majors in the junior year to prepare for the senior thesis proposal. Prerequisite: DA/TH303. .25 unit. (Not offered 2020-21).

.25 unit

### **DA303** Junior Seminar: Collaborative Practices

Activates theoretical and practical aspects of creative collaboration between drama and dance majors and also among artistic disciplines. Studies include immersion in performance theory, aesthetic philosophy, and collaborative strategies to create an integral final group public performance. Collaboration and collision through a process of experimentation and rehearsal to discover which elements (visual, kinesthetic, audio, textual, temporal, and spatial) lend themselves to a unified event in performance. DA 110/DR 110, DA 211, and DA 221 recommended.

*Prerequisite:* consent of instructor.

1 unit — Platt

### **DA304** Advanced Performance:

Investigation of choreographic theories and practices with an emphasis on interdisciplinary inquiry. Topics include: Advanced Choreography, Site-specific Performance, Installation and Performance, Choreographies of Editing, Community and Performance. Can be repeated for credit to fulfill one elective requirement within the major.

*Prerequisite:* Dance Theory 221 or consent of instructor.

1 unit — Sriram, Womack

### **DA311** Encountering Global Dance

In this course, we will be watching dance works by a number of artists, both from the US and international contexts working with a range of forms, aesthetics, and questions. Alongside watching these works, we will be reading key theorists from social theory, dance/performance studies and postcolonial studies alongside poetry and literary texts. These offer different frameworks or sets of questions, allowing us to think through dance

works as kaleidoscopes - situated and shifting in significance given our perspective. Questions will include those around narrative, realism, abstraction, space, and utopia. We will focus on the elements of bodies, time, and space. 1 unit. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Sriram

**DA325** Projects in Dance:

Work in dance appropriate to the needs or interests of qualified students.

*Prerequisite:* consent of instructor.

1 unit — Sriram

**DA326** Performance Studies

Examines new approaches to the study of performance drawn from sociology, anthropology, and media studies. Uses readings by scholars such as Diana Taylor, Richard Schechner, and Philip Auslander to analyze works by contemporary choreographers, theatre ensembles, and performance artists, as well as performances from everyday life, including concerts, festivals, and political protests. Attention also given to how performances construct race, gender, and nationality. (Not offered 2020-21).

1 unit

**DA328** Summer Dance Festival

(Summer only 2020-21).

*Prerequisite:* consent of instructor.

1 unit

**DA329** Queer Performance and Body Politics

Examines how performances since 1960 by queer artists have challenged conventional ideas about the body, sexuality and selfhood. Uses readings by theorists such as Michael Foucault, Michael Warner, and Jose Esteban Munoz to identify strategic positions adopted by artists working in literature, film, drama, musical theatre, dance and performance art. (Not offered 2020-21).

1 unit

**DA400** Topics in Dance:

Courses offered by resident and visiting faculty on specialized topics. (Not offered 2020-21).

1 unit

**DA404** Senior Thesis

Advanced work in theatre and/or dance culminating in performance, written thesis, major

creative or choreographic work, scenic or lighting design, or other work appropriate to the discipline. Proposal must be approved at the end of the Junior year by the department faculty. Offered in blocks 1-7 of the senior year.

*Prerequisite:* Consent of Department.

1 unit — Herminjard, Sriram, Womack

### **DA406** Solo Performance

An investigation into the forces that shape solo theatrical performance, including original work and voice, point-of-view, text interpretation, observation, myth, and storytelling. Students will apply their own unique histories, politics, and imaginations to a developmental process, helping each other to shape material, develop performance techniques, explore text, music, movement, dance, song, sound, props, set, lights, and costumes. The class will culminate in a solo performance by each student. (Not offered 2020-21).

.25 to 1 unit

### **DA425** Dance Repertory

Development of performance and rehearsal techniques through choreographic forms. Repertory works from faculty, labanotation scores, or guest choreographers will be set on students for performance. (Not offered 2020-21).

*Prerequisite:* consent of instructor.

.25 to 1 unit

## **Theatre**

### **TH100** Ritual, Theatre, Performance

This course surveys the history of theatre in the context of Western artistic and literary traditions. Students will read and watch plays as well as examine how theatre relates to philosophy, poetry, politics, and religion. The course includes screenings, field trips to attend performances, and interactive workshops led by department faculty on creative aspects of the discipline. The first block of the course begins by studying sacred rituals that influenced the origins of theatre in ancient Greece. It then examines forms of drama developed in succeeding eras, including medieval pageants, Renaissance masques, Shakespearian plays, and Restoration comedy. In the second block, we look at a combination of contemporary and historical plays that address changes in the 18th and 19th centuries that led to the development of realism in modern theatre. It pays special attention to how subsequent playwrights and choreographers use or subvert realism in order to challenge ideas about gender, race, and nationality. (Not offered 2020-21).

1 to 2 units

### **TH101** Stagecraft Practicum

A basic technical theatre adjunct course. Covers the vocabulary, theory, skills and application within the areas of set design and construction, stage management, and production crew.

.25 unit — Martin

**TH102** Stagecraft Practicum II

This course is designed to act as a lab component of TH101. Students are required to crew the Theatre and Dance main stage production. Builds on the information and skills acquired during TH101

*Prerequisite:* Consent of Instructor.

.25 unit — Martin

**TH105** Acting I: Introduction

Work on basic acting skills through observation, improvisation, physical and vocal preparation, and the basics of Stanislavski's theories. The emphasis is on exercises and games that release the imagination and instinct of the performer with the aim of giving everyone the means to approach any role. Work will culminate with scripted scenes and a group presentation. Limited to 18.

1 unit — Lindblade, Rollins

**TH107** Art, Spectacle, and Society

Examines the rise of spectacle culture in social events, popular culture, and mass media in the United States, such as Burning Man, Mardi Gras, Las Vegas, Halloween, carnivals, freak shows, professional wrestling, historical reenactments, fantasy cons, zombie walks, flash mobs, cult films, and mega-churches. Uses readings by Richard Schechner and Victor Turner to introduce fundamental concepts from the field of performance studies, including ritual, theatre, and play. Additional texts by scholars such as Joseph Roach, Umberto Eco, and Guy Debord are used to critique the role of race and gender in late capitalism and to identify the potential for performance as a form of political resistance. Students may expect frequent short field trips and participatory assignments. (Not offered 2020-21).

1 unit

**TH110** Fundamentals of Performance Design

Emphasizes the collaborative nature of 3-dimensional live performance design, its vocabulary, theory and application with a focus on aesthetic integration. Combines artistic practice with critical inquiry to engage simultaneously in creative development and analysis. Class projects introduce students to research, visual analysis, sketching, model making, and presentation skills. Historical and current performance design trends. No prior experience in theatrical productions expected.

1 unit — Davis

**TH200** Topics in Theatre:

Courses offered by resident and visiting faculty on specialized topic areas, including theatre history, dramatic literature, dramatic theory, film and theatre performance practices.

1 unit — Lindblade, Otake, Rollins, Sanchez

**TH205** Acting Workshop

An extended-format, adjunct class given twice a week over 4 blocks. Designed to enhance and practice the skills from Acting 1 through exercises and scene work. The format is designed to allow for a longer period of assimilation, keeping the acting muscles active and developing on a continuous basis, and for individual attention for each student. (Not offered 2020-21).

*Prerequisite:* Drama 105.

1 to 3 units

**TH206** Directing

A practical and theoretical introduction to the basics of directing. Begins with investigation of past and present directing practice and techniques through the work of influential directors from around the world. Considers the essential tools of directing, choosing the material; producing and conceptualizing the ideas; pre-production work of analysis, design and planning; casting; rehearsal management; rehearsal techniques with actors; and steering the production through its final stages to performance. The course involves directing actors in scenes.

*Prerequisite:* Theatre 105 and Theatre 110.

1 unit — Rollins

**TH207** Lighting Design

History, theory, and practice of lighting design for the stage. Script analysis, drafting, plotting, and color theory. Laboratory required: participation in one stage production. Limited to 15.

1 unit

**TH208** Finding Your Voice

Through vocal and physical exercises, participants learn to connect to their breath, increase natural resonance, and strengthen voice articulation. Different kinds of texts and language are explored to discover how to express clearly and truthfully thoughts and emotion

.25 unit — Aronson

**TH209** Stand-Up Comedy: Writing and Performance

Designed to teach the tools of humor writing for live stand-up performance. Students will deconstruct the performances of stand-up comedians, learn the foundations from which modern comedy stems, and work to develop their own voice. The course will culminate in a live stand-up performance showcasing students' original work. (Not offered 2020-21).

.25 unit

**TH210** Intermediate Performance Design

Intermediate work in performance design with an emphasis on the emergence of new

approaches and innovations in scenic and performance design. Integrates traditional visual languages of the stage with the digital arts. Explores spatial designs for dance, performance installations and the theatrical stage. Includes model making, drawing, drafting and digital/video design programs.

*Prerequisite:* Theatre 110 or consent of instructor.

1 unit — Davis

### **TH211** Speech Arts

Introduction to public speaking and oral interpretation of literature. Limited to 18. (Not offered 2020-21).

1 unit

### **TH212** Theatre/Acting Studio

Studio work in technical theatre, or studio work in acting required for the major. Students will earn technical theatre credit for work done on a specific departmental production over a span of 2 blocks. Subheading indicates type of work and title of the production. (Not offered 2020-21).

.25 to 1 unit

### **TH213** Theatre/Acting Studio:

Studio work in technical theatre, or studio work in acting: required for the major. Students will earn technical theatre credit for work done on a specific departmental production over a span of two blocks. Subheading indicates type of work and title of the production. (Not offered 2020-21).

.25 unit

### **TH214** Theatre/Acting Studio:

Studio work in technical theatre, or studio work in acting: required for the major. Students will earn technical theatre credit for work done on a specific departmental production over a span of two blocks. Subheading indicates type of work and title of the production. (Not offered 2020-21).

.25 unit

### **TH215** Theatre/Acting Studio

Studio work in technical theatre, or studio work in acting; required for the major. Students will earn technical theatre credit for work done on a specific departmental production over a span of 2 blocks. Subheading indicates type of work and title of the production. (Not offered 2020-21).

.25 to .5 units

### **TH217** Playwriting

An exploration of the art and craft of playwriting through reading, writing, re-writing and self/peer critique. We will investigate the elements that comprise a script, including dialogue, monologue, subtext, character development, structure, and developing action through language and imagery. 1 unit

1 unit — Sanchez

### **TH218** Costume Design

Costume Design for live performance, including theatre, opera, dance, and performance art. Explores color and line theory, script analysis, textiles and textile modification, rendering for costumes, construction and patterning techniques and other costume related skills. Limited to 10. Lab fee required. 1 unit - Ames (Not offered 2020-21).

1 unit

### **TH220** Origins of Theatre: Ritual, Greek Tragedy, and Early Comedy

A study of the birth and evolution of Western theatre from its ritualistic origins. The course investigates plays of Aeschylus, Sophocles, Euripides, and Aristophanes and their importance in establishing a crucial aesthetic and philosophical groundwork for theatre as a necessary part of human experience. (TH220/CL219/CO200) (Not offered 2020-21).

1 unit

### **TH221** Medieval and Renaissance Theatre: Spirituality, Philosophy and Performance

A study of medieval European theatre forms of farce, feasts, and cycles and their gradual evolution into full-blown Renaissance dramas. The course investigates Renaissance philosophy and design incorporated by English, French, Italian, and Spanish playwrights, concentrating on Shakespeare and the Jacobean. (TH221/EN286/CO200) (Not offered 2020-21).

1 to 2 units

### **TH222** Neoclassicism, Romanticism, & Commedia del Arte: Natl Identities of Performance & Lang

A study of three influential theatrical and aesthetic forms and their importance, to this day, in establishing national and linguistic identities. The course investigates French Neoclassicism and the tightly brilliant aesthetics of Corneille and Racine, German Romanticism and the sensual verse of Goethe, and Italian Commedia del Arte and the refreshing comic sensibilities of Goldoni and Gozzi. (TH222/CO200). (Not offered 2020-21).

1 unit

### **TH223** Modern Theatre: Realisms and Anti-Realisms

A study of 20th Century performance genres reflected by playwriting, aesthetic philosophy, and artistic manifestoes. The course chronicles the strategic birth of realistic performance in works by Ibsen, Strindberg, Chekhov, and Schnitzler and the strong reactions against realism by anti-realistic movements, including symbolism, surrealism, Pirandellianism,

expressionism, and epic theatre. (TH223/EN280/CO200)

.5 unit — Lindblade

**TH224** Contemporary Performance 1950-Present

Using an interdisciplinary arts approach, investigates varied performance aesthetics, theory and practices of the later 20th and early 21st century with a focus on the American experience, new and disenfranchised voices, and hybrid genres in the arts. Considers perspectives in music, dance, directing, multimedia, and of theorists and playwrights. Disillusionment of the post-WWII era, voices of protest, agitation/propaganda, performance art, and identity politics; Gay, Lesbian, Bi-sexual and Transgender performance, race relations, and the feminist aesthetic. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit

**TH228** Experimental and Expanded Cinema

Experimental and Expanded Cinema Examines alternative approaches to cinema developed after 1960 by independent filmmakers and interdisciplinary artists working with animation, puppetry, video, performance, and installation. Uses readings by scholars such as P. Adams Sitney, Steven Shaviro, and Laura Marks to explore the visual and tactile qualities of film, the relationship between mainstream and experimental cinema, and social attitudes towards new technologies. (Not offered 2020-21).

1 unit

**TH229** Rewriting America: Playwrights and Cultural Identity

This course focuses on marginalized theatrical voices from the United States. Our mission will be to examine the societal circumstances that birthed alternative styles to the mainstream American stage. Selected playwrights will cover a cross section of race, gender and sexuality, from Tony Award® winners to virtual unknowns. Equal parts historical analysis and creative writing workshop, students will create multimedia presentations and original plays based around their research. Meets the Critical Perspectives: Social Inequality requirement. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Sanchez

**TH232** Performance Away

The class takes place in a selected city and sees and analyzes a wide range of performances including drama, dance, opera, puppetry, solo performance, circus, site specific work, foreign language performance and experimental work in all genres. Explores the social, historical and national parameters of the performances and the past and present performance history and significance of the city. Extra Expense. (Not offered 2020-21).

1 unit

**TH237** The Art of Insurgency: Performance and Political Order

Investigates the arts' relation to narratives of power--those stories that justify why certain



structures dominate, and why alternatives do not. An examination into those arts that expose these narratives, reveal silenced alternatives, and present challenger stories that aspire to power themselves. Includes two weeks of study in Serbia and Bosnia. Course fee/Passport and Visa, where needed. Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* Includes two weeks of study in Serbia and Bosnia. Course fee/Passport and Visa, where needed.

1 unit — Gould, Womack

### **TH240** Special Topics in Design

Courses offered by design faculty and guests on specialized topic areas in performance design. Lab fee required.

1 unit — Ames, Reed

### **TH300** Topics in Theatre:

Courses offered by resident and visiting faculty on specialized topics. (Not offered 2020-21).

.5 to 1 unit

### **TH301** Senior Thesis Proposal

Supervised sessions with Theatre and Dance majors in the junior year to prepare for senior thesis proposal. Prerequisite: DA/TH303. .25 unit. (Not offered 2020-21).

.25 unit

### **TH303** Junior Seminar: Collaborative Practices

Activates theoretical and practical aspects of creative collaboration between drama and dance majors and also among artistic disciplines. Studies include immersion in performance theory, aesthetic philosophy, and collaborative strategies to create an integral final group public performance. Collaboration and collision through a process of experimentation and rehearsal to discover which elements (visual, kinesthetic, audio, textual, temporal, and spatial) lend themselves to a unified event in performance. DA 110/DR 110, DA 211, and DA 221 recommended.

*Prerequisite:* consent of instructor.

1 unit

### **TH304** Advanced Performance:

Investigation of choreographic theories and practices with an emphasis on interdisciplinary inquiry. Topics include: Advanced Choreography, Site-specific Performance, Installation and Performance, Choreographies of Editing, Community and Performance. Can be repeated for credit to fulfill one elective requirement within the major.

*Prerequisite:* Dance Theory 221 or consent of instructor.

1 unit — Sriram, Womack

**TH305** Acting 2: Intermediate

Developing and furthering the skills from Acting 1 with an emphasis on intensive scene work that will focus on a wide range of contemporary playwrights. Work will culminate with a public presentation of scenes. Limited to 18. (Not offered 2020-21).

*Prerequisite:* Drama 105.

1 to 3 units

**TH307** Lighting Design

History, theory, and practice of lighting design for the stage. Script analysis, drafting, plotting, and color theory. Laboratory required: participation in one stage production. Limited to 15. (Not offered 2020-21).

*Prerequisite:* Drama 108 or 109 or consent of instructor.

1 unit

**TH325** Independent Study in Theatre and Dance:

Work in special fields in Drama and Dance appropriate to the needs and/or interests of qualified students.

*Prerequisite:* Consent of Instructor.

1 unit — Womack

**TH326** Performance Studies

Examines new approaches to the study of performance drawn from sociology, anthropology, and media studies. Uses readings by scholars such as Diana Taylor, Richard Schechner, and Philip Auslander to analyze works by contemporary choreographers, theatre ensembles, and performance artists, as well as performances from everyday life, including concerts, festivals, and political protests. Attention also given to how performances construct race, gender, and nationality. (Not offered 2020-21).

1 unit

**TH328** Theatre and the Politics of Action

The course is a contemplation of theatre as a voice of the dispossessed and oppressed, focusing on the development of various performance aesthetics as a response to sociopolitical subjugation. The course will utilize both national and international performances and texts. Special attention will be paid to Brecht's epic theatre as a laboratory of socioeconomic inequality, Boal's concept of theatre as an agitprop tool, and Wilson's notions of social boundaries, expressionism, and the ethical territories of the dispossessed. 1 unit. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Lindblade

**TH329** Feminist & Queer Performance

Examines how performances since 1960 by women and queer artists have challenged ideas about the body, sexuality and selfhood. Uses theorists such as Judith Butler, E. Patrick Johnson, and José Esteban Muñoz to analyze the gender politics and strategic positions adopted by artists in drama, musical theatre, dance and performance art. 1 unit. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Platt

**TH329** Feminist & Queer Performance

Examines how performances since 1960 by women and queer artists have challenged ideas about the body, sexuality and selfhood. Uses theorists such as Judith Butler, E. Patrick Johnson, and José Esteban Muñoz to analyze the gender politics and strategic positions adopted by artists in drama, musical theatre, dance and performance art. 1 unit. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Platt

**TH330** Performance Away

The class takes place in a selected city and sees and analyzes a wide range of performances including drama, dance, opera, puppetry , solo performance, circus, site specific work, foreign language performance and experimental work in all genres. Explores the social, historical and national parameters of the performances and the past and present performance history and significance of the city . Extra Expense. (Not offered 2020-21).

1 unit

**TH340** Advanced Topics in Design

Courses offered by design faculty and guests on specialized topic areas in performance design. (Not offered 2020-21).

1 unit

**TH350** Design Practicum

An individual practical design project in connection with department main stage productions. Areas of concentration might include properties, masks, sound design, video design in association with the season productions. Must be arranged with instructor.

*Prerequisite:* Drama 100 and/or consent of instructor.

1 unit

**TH400** Topics in Theatre:

Courses offered by resident and visiting faculty on specialized topics. (Not offered 2020-21).

1 unit

**TH404** Senior Thesis

Advanced work in drama and/or dance culminating in performance, written thesis, major creative or choreographic work, scenic or lighting design, or other work appropriate to the discipline. Proposal must be approved at the end of the junior year by the department faculty. Offered in blocks 1-7 of the senior year.

*Prerequisite:* Consent of Department.

1 unit — Lindblade, Sanchez

**TH405** Acting 3: Advanced

Consolidating skills from Acting 1 and 2 and working on heightened and poetic texts including Shakespeare, the Greeks, and the Jacobean and Restoration eras. The class is dedicated to seeing Shakespeare as our contemporary and the verse as no barrier to expression or understanding. Work will culminate with a public presentation. Limited to 18. (Not offered 2020-21).

*Prerequisite:* Theatre 305.

1 unit

**TH410** Advanced Design Workshop

Advanced study of topics related to theory, criticism, literature, and history of the theatre. Resultant performance or thesis. Required of all drama majors. Limited to majors and minors or with consent of instructor. (Not offered 2020-21).

.5 to 2 units

**Dance Studio****DS101** Tai Ji

(Not offered 2020-21).

.25 unit

**DS102** Introduction to Latin Dance

.25 unit — DeJesus

**DS103** Beginning Ballet

.25 unit — Mercer

**DS105** Dance Fundamentals

An introductory dance class that focuses on a particular aspect of dance across genres and cultural practices. Both for students new to dance and for dance students interested in exploring the different but related ways dance practices configure time, space, and movement. .25 unit.

.25 unit — Herminjard

**DS106** Dance Fundamentals

An introductory dance class that focuses on a particular aspect of dance across genres and cultural practices. Both for students new to dance and for dance students interested in exploring the different but related ways dance practices configure time, space, and movement. .25 unit. (Not offered 2020-21).

.25 unit

**DS107** Dance Fundamentals

An introductory dance class that focuses on a particular aspect of dance across genres and cultural practices. Both for students new to dance and for dance students interested in exploring the different but related ways dance practices configure time, space, and movement. .25 unit.

.25 unit

**DS108** Beginning Contemporary Dance

(Not offered 2020-21).

.25 unit

**DS204** Ballroom Dance

(Not offered 2020-21).

.25 unit

**DS205** Intermediate Contemporary Dance

(Not offered 2020-21).

.25 unit

**DS206** Intermediate Contemporary Dance

(Not offered 2020-21).

.25 unit

**DS207** Intermediate Contemporary Dance

(Not offered 2020-21).

.25 unit

**DS208** Intermediate Contemporary Dance

(Not offered 2020-21).

.25 unit

**DS209** Dance Studio

(Not offered 2020-21).

.25 unit

**DS210** Dance Studio: Choreography/Performance

Note on dance technique classes: Dance technique classes at Colorado College are developed to satisfy a wide range of student interest and expertise. Students who have never danced before will find that the Beginning Modern class is an appropriate level for them. This class will provide an introduction to various dance styles, improvisation, and expression in movement, while simultaneously developing an awareness and appreciation for anatomically correct movement technique. Beginning Ballet classes are recommended for students who have danced before and would like to continue in ballet, and for students who are taking more than one semester in dance. Improvisation classes are useful for students wishing to do work in choreography, or for students who are curious about spontaneous process. Improvisation is also open to music students who would like to work with improvisational forms. Tai chi classes are open to all students, and are particularly useful for athletes who need to develop strength, flexibility and mental concentration. Jazz classes are recommended for students who are interested in broadening their understanding of indigenous dance styles. Since students often come to Colorado College with more than a few years of dance training, we advise students to register for the class that they think is most appropriate to their level, with the understanding that the teacher may advise the student to change to a different class once the course is begun. (Not offered 2020-21).

.25 unit

**DS213** Intermediate Ballet

.25 unit — Mercer

**DS214** Intermediate Ballet

.25 unit

**DS215** Intermediate Ballet

.25 unit — Mercer

**DS216** Intermediate Ballet

.25 unit — Mercer

**DS218** West African Dance and Drumming

.25 unit — Fall

**DS219** West African Dance and Drumming

.25 unit — Fall

**DS223** Improvisation

(Not offered 2020-21).

.25 unit

**DS224** Improvisation

.25 unit — Lauther

**DS229** Balinese Dance

.25 unit — Marni

**DS230** Balinese Dance

(Not offered 2020-21).

.25 unit

**DS231** Hip Hop Dance

.25 unit — Jules

**DS232** Hip Hop Dance

.25 unit — Jules

**DS234** Capoeira

(Not offered 2020-21).

.25 unit

**DS235** Capoeira

(Not offered 2020-21).

.25 unit

**DS236** Samba

.25 unit — DeJesus

**DS236** Samba

.25 unit — DeJesus

**DS240** 2000 Summer Ballet Intensive

(Summer only 2020-21).

.5 unit

**DS241** Somatic Practices:

Two-block adjunct course. .25 units. A variable topic practice course that explores the mind-body connection and therapeutic dimensions through embodied practices. Includes Yoga, Pilates, Gyrotonics, Feldenkrais, Tai Chi, Qigong.

.25 unit — Drossman

**DS242** Somatic Practices

Two-block adjunct course. .25 units. A variable topic practice course that explores the mind-body connection and therapeutic dimensions through embodied practices. Includes Yoga, Pilates, Gyrotonics, Feldenkrais, Tai Chi, Qigong.

.25 unit — Womack

**DS243** Somatic Practices

Two-block adjunct course. .25 units. A variable topic practice course that explores the mind-body connection and therapeutic dimensions through embodied practices. Includes Yoga, Pilates, Gyrotonics, Feldenkrais, Tai Chi, Qigong. (Not offered 2020-21).

.25 unit

**DS244** Somatic Practices

Two-block adjunct course. .25 units. A variable topic practice course that explores the mind-body connection and therapeutic dimensions through embodied practices. Includes Yoga, Pilates, Gyrotonics, Feldenkrais, Tai Chi, Qigong.

.25 unit

**DS245** Somatic Practices:

Two-block adjunct course. .25 units. A variable topic practice course that explores the mind-body connection and therapeutic dimensions through embodied practices. Includes Yoga, Pilates, Gyrotonics, Feldenkrais, Tai Chi, Qigong. (Not offered 2020-21).

.25 unit

**DS305** Intermediate/Advanced Contemporary Dance

.25 unit — Herminjard

**DS306** Intermediate/Advanced Contemporary Dance

(Not offered 2020-21).

.25 unit

**DS307** Intermediate/Advanced Contemporary Dance

.25 unit — Herminjard

**DS308** Intermediate/Advanced Contemporary Dance



(Not offered 2020-21).

.25 unit

**DS313** Intermediate/ Advanced Ballet

(Not offered 2020-21).

.25 unit

**DS313** Intermediate/ Advanced Ballet

(Not offered 2020-21).

.25 unit

**DS314** Intermediate/ Advanced Ballet

(Not offered 2020-21).

.25 unit

**DS315** Intermediate/ Advanced Ballet

(Not offered 2020-21).

.25 unit

**DS316** Intermediate/ Advanced Ballet

(Not offered 2020-21).

.25 unit

**DS320** HipHop Dance II

(Not offered 2020-21).

.25 unit

**DS328** International Summer Dance Festival

(Summer only 2020-21).

.75 units

**DS333** Intermediate/Advanced Modern Jazz

(Not offered 2020-21).

.25 unit

**DS334** Capoeira II

(Not offered 2020-21).

.25 unit

**DS405** Advanced Modern Dance: Technique of Martha Graham

(Not offered 2020-21).

.25 unit

**DS406** Advanced Contemporary Dance

(Not offered 2020-21).

.25 unit

**DS407** Advanced Contemporary Dance

(Not offered 2020-21).

.25 unit

**DS408** Advanced Contemporary Dance

(Not offered 2020-21).

.25 unit

**DS413** Advanced Ballet

.25 unit — Mercer

**DS414** Advanced Ballet

.25 unit

**DS415** Advanced Ballet

.25 unit — Mercer

**DS416** Advanced Ballet

.25 unit

**DS440** Advanced Summer Ballet Intensive

(Summer only 2020-21).

.5 unit

# Interdisciplinary Programs

## Asian Studies

*Applicable for the 2020-2021 academic year.*

**Asian Studies Website** (<https://www.coloradocollege.edu/academics/dept/asianstudies/>)

Professor KAPURIA-FOREMAN (director)

The program covers the development and life of Asian cultures from the perspectives of history, humanities, and the social sciences. It is interdisciplinary, cross-cultural, integrated, and seeks to combine knowledge and action. We encourage the studies of all parts of Asia, including East Asia, Southeast Asia, and South Asia.

### Major Requirements

Students majoring in Asian studies must successfully complete a minimum of 11 blocks of Asian studies and related courses. These courses will include six (eight if elementary language is included) required courses. In addition, students must take at least five electives. Including Elementary Language, the total will be 13 blocks.

The structure of the major is as follows: There must be a minimum of two blocks of language, the one-block interdisciplinary core course (PA 290), a disciplinary methods course, five electives, the senior seminar, and one block of senior thesis.

### Required Courses:

1. Two blocks of an Asian language at the intermediate level or beyond. (Two blocks)
2. The interdisciplinary core PA 290: Studying Asia. (One block)
3. One methodological perspective to provide a disciplinary foundation for the thesis: For example, History of Cultural and Social Anthropology, Critical Practice, Theory and Practice of Literature, Studying History, State Formation and Social Movement, Economics of International Trade, Comparative Music Theory, and Sociological Research Methods. Other appropriate courses may fulfill this requirement with advisors' approval.
4. Five elective courses from at least two disciplines (Five blocks):
  - Three of these courses should be directly relevant to the Asian language the student has studied.
  - Two of the electives must be at the 300 level.
  - One of these five courses may be a 300-level language course relevant to the major.
5. Senior Seminar (PA 406). (One block)
  - You must take this course BEFORE your senior thesis block (PA400).
  - This course is ONLY offered first semester; please plan your senior year accordingly.
6. Senior Thesis (PA 400). (One block)

\* Students may count one (and only one) course from another major or minor toward their Asian

Studies major.

## Minor Requirements

Students pursuing a minor in Asian Studies must successfully complete a minimum of six blocks of Asian Studies courses. Students must choose one of two minor tracks. Both tracks are described below.

### Asian Studies Minor with concentration in East Asia:

Students pursuing a minor with a concentration in East Asia must successfully complete a minimum of six blocks of Asian studies courses. These courses include two units of beginning language study (Chinese, Japanese, or other East Asian languages which are taught through accredited programs in the United States or abroad). Students must take Studying Asia (PA290) as the Integrative Experience. In addition, students must choose three additional courses listed under the Asian Studies Program. One of these three courses can be an Asian language course at the 200 level. Students are expected to choose their courses with consideration for coherence and relation to the Asian language they studied.

### Asian Studies Minor with concentration in South Asia or Southeast Asia:

Students pursuing a minor in Asian Studies with a focus on South Asia or Southeast Asia must successfully complete a minimum of six units that substantively engage with South or Southeast Asia. All students must take Studying Asia (PA 290) as the Integrative Experience. For the remaining five units, students can pursue one of two options: 1) complete five courses on South Asia or Southeast Asia on the CC campus with the approval of the minor advisor or 2) combine on-campus courses with a semester-long CC approved study abroad program in South or Southeast Asia. At least one of the units must be a 300-level course. The minor with a South Asia concentration must include HY 200 *India before Europe: A History of the Indian Subcontinent from the Ancient to the Early Modern Period* or HY 200 *History of Modern South Asia*.

## Courses

### Asian Studies

#### **PA100** Japanese: Introduction to Language and Culture

(Summer only 2020-21).

1 unit

#### **PA101** Elementary Chinese

Introduction to Mandarin Chinese, emphasis on basic grammar, speaking, and listening comprehension as well as mastery of some 500 characters for reading and writing. Language laboratory required.

1 or 2 units — Jiang, Zhang

**PA102** Elementary Japanese

Introduction to Japanese language. Students will be introduced to basic spoken and written structures of 'standard' Japanese, the two Kana alphabets, approximately 70 kanji, and the development of the basic skills with attention to the cultural context. Language laboratory required.

2 units — Ericson, Okubo, Onishi

**PA103** Topics:

(Not offered 2020-21).

1 unit

**PA105** Japanese Skill Maintenance (Beginning)

Conversation and limited reading and writing practice in Japanese language.

*Prerequisite:* Japanese 101.

.25 unit — Ericson, Niiya

**PA106** Japanese Skill Maintenance (Beginning)

Conversation and limited reading and writing practice in Japanese language.

*Prerequisite:* Japanese 101.

.25 unit — Niiya

**PA107** Chinese in China

(Summer only 2020-21).

2 units

**PA109** Chinese Meditative Arts

The history and philosophy of Chinese arts will be introduced with its applications for meditation, relaxation, concentration, and physical development. Short forms of Taichi, Taichi sword and health-related techniques will be taught in conjunction with the art and practice of Chinese brush calligraphy and seal carving. Other art forms such as Chinese music, theater, and dance will be introduced briefly. The correlation/interface of the Chinese body movement and the arts practice would, hopefully, rekindle one's interest in and lead to further exploration of the Asian culture. (Offered through the Biology in China program.) (Not offered 2020-21).

*Prerequisite:* consent of instructor.

1 unit

**PA110** Topics in Asian Studies:

(Not offered 2020-21).

.5 to 1 unit

**PA113** Chinese Skill Maintenance

Conversation and limited reading and writing practice in Chinese language.

*Prerequisite:* Chinese Language 101.

.25 unit — Zhang

**PA114** Chinese Skill Maintenance (Beginning)

Conversation and limited reading and writing practice in Chinese language.

*Prerequisite:* Chinese Language 101.

.25 unit — Zhang

**PA115** Confluence and Conflict in Asian Culture

Indian, Chinese, Japanese and Korean literature, art and politics with particular attention to interrelationships among Asian countries and their ongoing dialogue with Western cultures. Course includes a museum visit, a number of films, and opportunities to examine Asian art objects firsthand. (Also listed as AH 115.) Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

*Prerequisite:* First Year Experience Course. 1st Years Only.

2 units

**PA116** Chinese Basic Prep/Review

Is an oral language functional review and extension class. The class is an intensive immersion with systematic reviews of modern standard Chinese. It is designed for students who have had two blocks of beginning Chinese or have taken Chinese previously. (Not offered 2020-21).

*Prerequisite:* Chinese Language 101.

.5 unit

**PA117** Introduction to Asian Art

(Not offered 2020-21).

1 unit

**PA118** Civilization in East Asia

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

2 units

**PA121** Introduction to the Sanskrit Language

(Not offered 2020-21).

.5 unit

**PA122** Introduction to the Sanskrit Language

(Not offered 2020-21).

.5 unit

**PA123** Sanskrit

(Not offered 2020-21).

.5 unit

**PA124** Sanskrit

(Not offered 2020-21).

.5 unit

**PA130** Japanese Culture

This course presents a critical appreciation of popular Japanese icons (Shintoism, Buddhism, budo, samurai, haiku poetry, tea ceremony, kabuki theatre, and rice) that scrutinizes how cultural practices and institutions have evolved and been adapted to symbolize Japan, both by Japanese and foreign observers. All readings, discussion, and writing will be in English. (Not offered 2020-21).

1 unit

**PA131** Balinese Gamelon Music

Study and performance of the Balinese gamelan angklung orchestral tradition. Group lessons for all levels, developing skills in technique, musicianship and repertory. Meets twice a week. Performances on and off campus. Open without audition. (Semester-long extended format.) (Not offered 2020-21).

.25 unit

**PA151** The United States and China: Images, Perceptions and Realities

(Not offered 2020-21).

.5 unit

**PA155** The Art of China

Chinese art from ancient to modern times in its cultural context. Artistic and archaeological

materials will be examined in order to learn where, when and how the culture we call Chinese evolved. Special attention will be given to attitudes toward art today, and to recent archaeological discoveries. (Not offered 2020-21).

1 unit

### **PA158** Experiencing Asia Through Music and Art

Introduces students to the peoples and expressive cultures of Asia through interdisciplinary humanities perspectives, focusing on music and art but also referencing poetry, literature, dance, theater, and film. Considers case studies in the artistic and musical traditions of India, Indonesia, China, and Japan in three historical eras: classical (antiquity through ca. 1100 CE), early modern (ca. 1550-1800 CE), and modern (ca. 1800 to present). Central themes of the course include the representation of gender ideologies and social inequalities in Asian visual and performing arts, particularly in the wake of European colonialism. Coursework includes hands-on explorations through music performance, museum visits, and art projects, as well as a series of class presentations and papers. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

2 units

### **PA160** Hinduism

A historical and thematic introduction to Hindu tradition from prehistoric India to the present day, focusing on classic texts and popular rituals. Topics include the Rig Veda, the Upanisads and the rise of Buddhism, the great epics (Mahabharata and Ramayana), Yoga, the Bhagavadgita, Indian art and music, devotional movements and poetry, Goddess worship, dharma, the caste system, Hindu nationalism, Gandhi, and Indian independence. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Coleman

### **PA170** Buddhism

An introduction to the life and times of the Buddha, his basic teachings and central monastic and lay practices. Emphases include key elements in the development of Buddhist philosophy, the purposes and styles of meditation, and theory and practice in Zen and Tibetan Buddhism. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Gardiner

### **PA180** East Asian Religions

A survey of the three major religions that originated and continue to thrive in China and Japan: Confucianism, Taoism, and Shinto. Will treat classical texts and practices as well as modern manifestations. Reference will be made to connections with the related traditions of Popular Religion and Buddhism. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

### **PA195** Introduction to Arabic



(Summer only 2020-21).

*Prerequisite:* No 1st years.

2 units

**PA199** Islam

A historical and thematic introduction to Islamic traditions from the seventh century CE to the present day, focusing on fundamental texts and practices. Topics include the Abrahamic context of Islam, the Prophet Muhammad, the Qur'an, the rise of sectarian movements (Shi'a and Sunni), ritual and pilgrimage, Islamic law, Sufism, women in Islam, the challenges of modernity, and Islam in America. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Wright

**PA199** Islam

A historical and thematic introduction to Islamic traditions from the seventh century CE to the present day, focusing on fundamental texts and practices. Topics include the Abrahamic context of Islam, the Prophet Muhammad, the Qur'an, the rise of sectarian movements (Shi'a and Sunni), ritual and pilgrimage, Islamic law, Sufism, women in Islam, the challenges of modernity, and Islam in America. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Wright

**PA200** Topics in Asian Studies:

(Not offered 2020-21).

1 unit

**PA201** Intermediate Chinese Language I

The course emphasizes the development of speaking, listening, reading and writing skills after the elementary level. Video materials supplement the course and place the language in a cultural context.

*Prerequisite:* Chinese Language 101.

1 unit — Jiang

**PA202** Intermediate Chinese Language II

The course builds on the language proficiency gained in 201. Increased use of the written and spoken language designed to build proficiency.

*Prerequisite:* Chinese Language 201.

1 unit — Zhang

**PA203** Buddhism

The out-of-body journey of the shaman, a quiet act of prayer, the ecstasy of the Christian mystic, the enlightenment of the Buddhist monk, the reverie of the nature lover, 'speaking in tongues' among Christian charismatics - these are examples of what many call 'religious experience' and regard as the very essence of religion. This course will examine primary texts that testify to the reality and power of religious experience in various traditions and will acquaint students with scholarly analyses of the claims of devotees and adepts. At least one previous course in Religion strongly recommended. (Not offered 2020-21).

1 unit

**PA205** Chinese Skill Maintenance (Upper Level)

Students will develop conceptual and affective tools with which to incorporate interdisciplinary global education into their teaching. Using Japan as a case study, students will examine experiential and hands-on methods of understanding and teaching the history, literature, economics, geography and cultures of another country while also placing that country in the context of regional and global connections, communications, responsibilities, and dependencies.

.25 unit — Zhang

**PA206** Chinese Skill Maintenance

.25 unit — Zhang

**PA207** Chinese in China

(Not offered 2020-21).

1 to 2 units

**PA208** Asian Dance Forms I:

This course taught by a native Indonesian artist introduces traditional Balinese dance. (Semester-long extended format.)

.25 unit — Marni

**PA211** Masterpieces of Chinese Literature in Translation

(Not offered 2020-21).

1 unit

**PA212** Japanese Literature in Translation

This course examines the way in which post-war Japanese literature reflects the transformation and enduring tensions within Japanese society. Topics include gender roles, the family, individuality, and dissension. Of central concern is the capacity of literature to reflect massive social and economic changes within contemporary Japan and to assess the assumptions of continuity, consensus, and conformity. Works by the following writers will be included: Ibuse Masuji, Yasuoka Shotaro, Hayashi Fumiko, Kawabata Yasunari, Abe Kobo, Enchi Fumiko, and Oe Kenzaburo. Novels and shorts stories will be supplemented

with film and other readings. All readings, discussion, and writing will be in English. (Not offered 2020-21).

1 unit

**PA215** Japanese Skill Maintenance

.25 unit — Niiya, Onishi

**PA216** Japanese Skill Maintenance

.25 unit — Niiya

**PA217** China in the Age of Confucius

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Williams

**PA219** Dance Studio: Tai Chi

(Not offered 2020-21).

.25 unit

**PA220** Philosophies of India

The development of Indian philosophy from its roots in the Vedic tradition of Hinduism. The focus of the course will be both on the ethical, epistemological, and metaphysical systems that grew out of the Hindu tradition and on the challenges to this tradition posed by Buddhism and by 20th century developments. (Also listed as PH 281.) (Not offered 2020-21).

1 unit

**PA221** Intermediate Japanese I

The course emphasizes the development of speaking, listening, reading and writing skills after the elementary level. Video materials supplement the course and place the language in a cultural context.

*Prerequisite:* Japanese 101.

1 unit — Onishi

**PA222** Advanced Intermediate Japanese II

The course builds on the language proficiency gained in 201. Increased use of the written and spoken language designed to build proficiency.

*Prerequisite:* Japanese 201.

1 unit — Okubo

**PA223** Topics in Ethnomusicology:

Special topics in ethnomusicology, approached through emphasis on a particular musical area, theoretical issue, genre or repertory, compositional technique, or instrument. The course is devoted to non-western musical cultures. (Not offered 2020-21).

1 unit

**PA224** Chinese Women Writers and Their Works

This course will focus on a comparative study of the voice of Chinese women writers in the 1920s and 1980s, examine women writers' works in a social-historical context, and discuss the difference of women's places and problems in traditional Chinese culture and modern Chinese society. The course will also try to define the similar and different expressions of 'feminism' as a term in the West and the East. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**PA225** The Dalai Lama of Tibet: Philosopher, Statesman, Monk

(Not offered 2020-21).

.5 unit

**PA228** East Asia Since 1200

Examines the history of East Asia from the height of the imperial system before the Mongol invasion to the changes in society, economy, and culture during the Late Imperial Period (14th-19th centuries). Political and social history of China, Japan, and Korea will form the focus of this course. This course will prepare students for advanced study on China and Japan. (Not offered 2020-21).

.25 to 2 units

**PA229** 20th Century China

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**PA230** 20th Century Japan

This course will trace the social, political, and cultural developments in Japan from the first Parliamentary elections in 1890 to the current fiscal crisis in the 1990s. Using a wide range of sources, students will explore major themes in Japan's empire, World War, economic miracle, and troubled role as Asian leader. Major themes will include cross-cultural contact, world systems, and women's history. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit

**PA233** Women, Religion and Society: Hinduism, Islam, and Buddhism

(Not offered 2020-21).

1 unit

**PA242** Religion in China

(Not offered 2020-21).

1 unit

**PA243** Religion in Japan

(Not offered 2020-21).

1 unit

**PA248** History of Korea

A thematic survey of Korean history from the earliest times to the present covering social, cultural and political developments from the Three Kingdoms period through the Silla unification, Koryo and Choson dynasties to the modern era. Special emphasis on the twentieth century. (May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.) May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**PA250** Topics in Asian Literature & Culture

Study of a selected topic in one or more Asian literatures and cultures. The course will cover subjects not listed in the regular curriculum and may vary from year to year; taught by Asian Studies faculty and visiting faculty.

.25 or 1 unit — Buyco, Chandrani, Furtak, Hourdequin

**PA251** Japanese Women Writers [writing emphasis]

Japanese women writers wrote the most heralded novels and poetic diaries in the classical literary canon; this celebration of women's literary contributions is an anomaly among world literatures. Yet for over five hundred years, women's literary voices were silenced before reemerging in the modern era, when a renaissance of 'women's literature' (joryu bungaku) captured popular imagination, even as it confronted critical disparagement. This course traces the rise, fall and return of writing by women and the influence of attitudes toward gender on what was written and read through a wide array of literary texts, historical documents, and cultural artifacts. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**PA252** Gender and Sexuality in Japanese Lit, Film and Manga

This course explores how Japanese writers have dealt with issues of gender and sexuality from the Heian Period through the modern era. Drawing on literary sources such as *The Tale of Genji* by Murasaki Shikibu (11th c.), *Five Women Who Loved Love* by Ihara Saikaku

(17th c.), and *Kitchen* by Yoshimoto Banana (20th c.), as well as films and manga, we will analyze how both male and female authors have portrayed gender and sexuality within an ever-changing landscape. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**PA253** Women in Hinduism & Islam

An exploration of constructions of gender and the status of women in Hindu and Islamic cultures, with attention to both texts and practices. Primary and secondary readings survey a variety of topics from classical and modern periods, including marriage, sexuality and reproduction, sati, Islamic law, devotion, renunciation and tantra. (Not offered 2020-21).

*Prerequisite:* Religion 140 or 160 or consent of instructor.

1 unit

**PA254** The Art of China

Early Chinese funerary art examined in relation to the Chinese religious philosophies of Confucianism and Daoism. Relationships between Chinese painting and poetry explored, particularly in relation to the handscroll format. The rise of scholar-literati painting in the Song followed by issues of politics, commerce, and art. Meets the Critical Perspectives: Global Cultures requirement.

1 unit

**PA255** The Art of Japan

Classical relationships between Heian-period court art, poetry, and aristocratic patronage; medieval Kamakura and Muromachi periods, dominated respectively by Pure Land Buddhism and Zen Buddhism; consolidation of the tea ceremony and unique qualities of castle architecture and screen paintings in the Momoyama; the Edo-period shift towards more inexpensive and widely-reproducible formats, such as the woodblock print. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Bentley

**PA261** Women and Goddesses in Hinduism

An examination of gender and power in Hindu traditions, through an in-depth study of divine figures or historical women identified with goddesses, such as Sītā, Rādhā, and Kālī, or medieval saints and contemporary global gurus. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Coleman

**PA265** China/Europe/Japan Art and International Trade

Considers the impact on art of expanding sea trade between Europe and East Asia in the early modern period. Begins by examining what goods went where, how increasingly global trade affected particular economies; how the East India companies operated, and what

effects stepped up contact had stylistically and iconographically on art forms such as porcelain, prints and paintings. On a theoretical level, the course addresses 'things foreign' as a means of asserting the artist's practice and identity. (Not offered 2020-21).

1 unit

### **PA281** Religious Poetry in Asia

Poetic traditions in China and Japan and in Indian and Tibetan Buddhism. Topics will include poetry as an expression of the heights and depths of religious experience, as a vehicle for spiritual growth, and as a literary form of prestige and power. We will look at poetry of liberation by early Buddhist nuns, praises of transcendent wisdom by Tibetan spiritual virtuosos, links between verse and painting in China, and the relationship between Japanese haiku and Zen aesthetics.

1 unit — Gardiner

### **PA290** Studying Asia

An interdisciplinary study of the cultures, peoples, and historical experience of several societies of Asia (South Asia, Southeast Asia, and East Asia) through comparative case studies and theoretical readings. Students will analyze a variety of primary and secondary sources in English translation and learn techniques for interpreting cultures very different from our own. (This seminar is required of Asian Studies majors and must be completed before beginning Senior Thesis blocks.) May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Chandrani

### **PA293** Music in Culture: Asia

Music is a cornerstone of Asian expressive traditions, providing a lens through which the complex social interactions within the region may be understood. This course introduces the musical cultures of India, China, and Japan in historical and contemporary perspectives, surveying diverse repertoires including ritual, court, folk, popular, and film music. It focuses on three pivotal time periods in each region—the classical era, the early modern era, and the twentieth century—and on the elements of style that create a distinctive sound within each culture. Students participate in hands-on performance workshops led by masters of Asian musics. Assignments are project-based and discussion-oriented. Course material is enhanced by guided listening and films. All students are welcome; no prior musical background needed. This course meets the ethnomusicology requirement for the music minor. As a cross-listing with Anthropology, it centers on humans as producers of music, situates musical activity comparatively, and makes meaningful connections with the body of knowledge and theory of cultural anthropology. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

### **PA295** Music in Culture: Indonesia

Gamelan orchestras, featuring a variety of bronze, bamboo, and wooden percussion instruments, are a global icon of Indonesian culture. This course introduces the vibrant and dynamic gamelan traditions of Bali and Central Java in historical and contemporary

perspectives, surveying diverse repertoires including ritual, court, village, dance, theater, and popular musics. Students learn the fundamentals of Indonesian music theory and the elements of form and design that create the distinctive sounds of gamelan music. The role of Hinduism and Islam in Indonesian musical life is discussed, along with the impact of Dutch colonization, decolonization, and tourism. Emphasis is placed on performance and creative components; students compose and perform gamelan music and participate in hands-on workshops with Indonesian musicians. The class culminates in a public performance, in which students present music learned during the course. All students are welcome; no prior musical background needed. The class is team-taught by an Indonesian musician and an ethnomusicologist. This course meets the ethnomusicology requirement for the music minor. As a cross-listing with Anthropology, it centers on humans as producers of music, situates musical activity comparatively, and makes meaningful connections with the body of knowledge and theory of cultural anthropology. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**PA300** Conversational Chinese

(Summer only 2020-21).

*Prerequisite:* consent of instructor and Taught in China. Continuation of Block 8 course. Extra Expense.

1 to 2 units

**PA301** Advanced Japanese Language

Intensive practice in reading, writing, speaking and comprehending modern Japanese. (Offered as an extended format course Blocks 1-8.)

*Prerequisite:* consent of instructor.

1 unit — Onishi

**PA302** Advanced Chinese Language I

Intensive practice in reading, writing, speaking, and comprehending modern Chinese. (Semester-long extended format.)

1 unit — Zhang

**PA303** Advanced Japanese Language

*Prerequisite:* Japanese 202.

1 unit — Onishi

**PA304** Advanced Chinese Language II

*Prerequisite:* Chinese Language 301 or consent of instructor.

1 unit



**PA308** Conservation Chinese

(Not offered 2020-21).

1 to 2 units

**PA311** Advanced Readings in Chinese:

Supervised projects in Chinese language, literature and culture for advanced students. Consent of department required. Offered as a block course (1 unit) or semester extended format (1/2 unit).

*Prerequisite:* consent of department.

1 unit

**PA323** Minority Politics

A comparative analysis of the political experience and responses of major ethnic minorities and women to the American political process. (Not offered 2020-21).

1 unit

**PA324** Modern China

This survey course, covering Chinese history and politics from the Boxer Rebellion and the first Western influences to the successful revolution by the Chinese Communist Party, will provide a basic understanding of Chinese history and politics in the modern era. (Not offered 2020-21).

1 unit

**PA326** Japanese Politics

Survey course on the development of modern politics in Japan, from the Meiji restoration to the contemporary corporatist partnership between the state and the business and financial communities. (Not offered 2020-21).

.25 to 1 unit

**PA328** 20th Century Japan

(Summer only 2020-21).

1 unit

**PA331** Comparative Politics: China Under Reform

Emphasis on the period of reform and opening to the world after 1976 and the contemporary politics of the People's Republic of China.) Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**PA339** The East Asian Tigers

This course focuses on the common characteristics and diversity of East Asian growth experiences and the rise and fall of belief in a uniquely East Asian model of economic development. (Not offered 2020-21).

1 unit

**PA345** The Dervish Diaries

Selected readings in Islamic literature in translation. (Not offered 2020-21).

1 unit

**PA346** Western Political Thought in China

Exploration of contemporary Chinese perspectives on modern Western political thinkers. (Not offered 2020-21).

1 unit

**PA350** Advanced Topics in Asian Literature & Culture

Study of a selected topic in one or more Asian societies and cultures. The course will cover subjects not listed in the regular curriculum and may vary from year to year; taught by Asian Studies faculty or visiting faculty.

1 unit — Jiang, Onishi, Sorace, Williams

**PA352** Holy Men, Manly Men: Gods, Buddhas, and Gurus in South Asia

Cults of masculinity have been intrinsic to South Asian culture for millennia. Whether in ancient vedic literature, or in the heterodox traditions of Buddhism and Jainism and the Hindu epics that followed; whether in the ascetic traditions of yoga, the popular puranas, or the lives of modern-day saints -- the leading Man has been carefully fashioned to represent power, purity and prestige. This course examines such texts and traditions from diverse periods in Indian history in order to identify and deconstruct the ideologies that divinize masculinity and masculinize divinity. (Not offered 2020-21).

*Prerequisite:* Religion 160 or Religion 170 or consent of instructor.

1 unit

**PA357** Women in Hinduism & Buddhism

An exploration of constructions of gender and the status of women in Hinduism and Buddhism, with primary focus on normative developments in ancient and medieval India and the impact of this formative history on the lives of contemporary women. Readings from primary and secondary materials, with attention to both ideology and practice. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**PA362** Bhakti: Devotion in South Asia

A study of diverse Hindu devotional movements from classical and medieval periods. Primary readings include poetry by both men and women, devotees of Vishnu, Krishna, Shiva, Rama, and the Great Goddess. Critical articles help situate the devotees and their songs in cultural context. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

*Prerequisite:* Religion 160 or consent of instructor.

1 unit

**PA363** Devi: Goddesses of India

A study of various Hindu goddesses, including their iconography and particular powers, as well as the ritualistic ways in which they are worshipped in diverse regions of India, with a glimpse of feminist appropriations of Kali in the West as well. Primary and secondary readings include poetry, theology, and historical-critical studies. Films depict a variety of rituals. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

*Prerequisite:* Religion 160 or consent of instructor.

1 unit

**PA371** Seminar in Buddhist Practice

A study of the devotional, contemplative, liturgical, and philosophical dimensions of the ritually and artistically rich traditions of Pure Land and Tantric Buddhism. Will investigate historical examples from various Buddhist countries, with particular emphasis on Tibet and Japan. (Offered alternate years.) Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

*Prerequisite:* Religion 170 or consent of instructor.

1 unit

**PA372** The Madhyamaka School of Buddhism

An in-depth treatment of important themes, or textual traditions, in the history of Buddhist thought. Examples might include topics such as karma, death and rebirth, compassion, or possibly a body of writings from a particular author or Buddhist school. (Also listed as Asian Studies 372.) (Meets the Critical Perspectives: Diverse Cultures and Critiques requirement.) (Offered in alternate years.) Prerequisite: RE 170 or COI. 1 unit - Gardiner. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

*Prerequisite:* Religion 170 or consent of instructor.

1 unit

**PA384** Social and Cultural History of China

Chinese ways of life and thought and the interaction of local social patterns with government and elite ideals. Focuses on the last great dynasty, the Qing. (Not offered

2020-21).

1 unit

**PA385** Social and Cultural History of Japan

Japanese ways of life and thought and the interaction of local social patterns with government and the elite ideals. Focuses on the Tokugawa shogunate in the 18th century. (May be offered with Writing Emphasis.) (Not offered 2020-21).

1 unit

**PA390** Advanced Topics in Asian Studies:

(Not offered 2020-21).

1 unit

**PA400** Senior Thesis

Thesis subject chosen by student and approved by the program prior to the beginning of the course.

*Prerequisite:* consent of instructor.

1 unit

**PA401** Senior Thesis

Thesis subject chosen by student and approved by the program prior to the beginning of the course.

*Prerequisite:* consent of instructor.

1 to 2 units

**PA403** Japanese Culture and Language

(Not offered 2020-21).

*Prerequisite:* Japanese 302 or consent of instructor.

1 unit

**PA404** Chinese Language and Culture

Application of Chinese language skills in the study of Chinese culture, including literature, history, or business. Taught as an extended format course over the full academic year.

1 unit

**PA405** Independent Study in Asian Studies

Independent study for advanced students who wish to do work supplementary to that offered

in the Catalog

1 unit

### **PA406** Senior Seminar

Preparation for the senior thesis; opportunity for students to discuss their work, the work of their colleagues, and theoretical texts of common interest in a workshop setting.

Examination of what it means to engage in the study of Asian Studies. Majors will work on independent thesis projects and meet as a group to discuss their works in progress.

1 unit — Bentley

## Community-Based Learning

*Applicable for the 2020-2021 academic year.*

**Community-Based Learning Website** (<https://www.coloradocollege.edu/offices/cce/faculty/community-based-learning/cbl-intro.html>)

Advisor; RADKE

### What is Community-Based Learning?

Community-Based Learning is experiential education that simultaneously – and in roughly equal balance – promotes student learning and meets community needs. CBL courses aim to benefit both students and communities through:

1. directing education toward the pursuit of co-creating solutions to complex social challenges and in so doing impacting the public good; and
2. actively developing engaged citizenship knowledge, skills, and motivation to empower students to build the worlds they imagine.

### Criteria of the Community-Based Learning (CBL) tag

*To be tagged as CBL, the course must minimally meet criteria 1 and 2. Criteria 3 and 4 are strongly encouraged as best practice.*

#### **Required**

- The course incorporates an experience or project that directly interacts with, and benefits, communities beyond the campus. This community component may include an experience that seeks to address a mutually-defined community need and/or a research project that seeks to co-create solutions to complex social challenges.
- Community-based work is an integral component of the course, enhancing and enhanced by knowledge from the curriculum. The course provides structured opportunities for students to learn from the experience, and academic assessment evaluates this learning; credit is not given solely for participation in community work.

#### **Strongly Encouraged**

- Community-based experiences are co-created, designed, and implemented by professors and

community partners, guided by both learning goals and community-driven needs.

- The coursework and experience aim to equip students with engaged citizenship skills, knowledge and identity development to build their capacity to influence the common good – both during their undergraduate experience and throughout their lives.

## Independently Designed Major/IDM

*Applicable for the 2020-2021 academic year.*

**Independently Designed Major/IDM Website (<https://www.coloradocollege.edu/offices/academicprograms/idm/>)**

Advisor; STOLLER

Students who wish to pursue a major other than an existing disciplinary or interdisciplinary major may propose an independently designed major (IDM). This option for a major requires considerable initiative and self-discipline from students who elect it. Students pursuing the independently designed major must have the independence to work outside the support and curricular framework ordinarily provided by established departments and programs. The independently designed major is fundamentally interdisciplinary. The course of study within this major must be supported and approved by two faculty sponsors from two different departments/programs. It permits students working with a major advisor and associate advisor from different departments/programs to design special interdisciplinary concentrations according to particular interests and needs.

### IDM policies

- All IDMs must be approved by the Curriculum Executive Committee.
- Students must apply to the IDM no later than block 7 during their sophomore year.
- The registrar will designate courses on the student's transcript that constitute the independently designed major.
- IDM students may double major but are required to follow CC guidelines regarding double majoring, which include the following: the CEC must approve the option; in no case may more than three courses within the two majors overlap; the student must have one advisor in the traditional major and two in the IDM.
- IDM students may petition to have their associate advisor be a CC staff member in the event that staff member has content expertise related to the student's IDM topic.
- IDM students are required to meet once per academic year with the IDM director to ensure they are making adequate progress toward the degree. It is also expected that the student will meet frequently with both IDM faculty advisors, particularly as they approach the thesis.

### Major Requirements

All IDMs will meet the following guidelines:

- A minimum of 12 units or a maximum of 15 units may be counted toward the IDM.
- A maximum of 4 units at the 100 course level can be counted toward the major. Language courses at the 100 level cannot be counted as part of the major.
- A minimum of 10 units designated must be at the 200 course number level or above.

- Courses should be progressively more rigorous and complex (i.e. 200, 300, and 400 level courses). Through the plan of study, it should be clear that the student is prepared to take all upper division courses.
- A minimum of 2 methodology/theory courses should be taken, one from each disciplinary foundation.
- A minimum of 1 unit of General Studies thesis courses: GS 400 or GS401.
- Up to three courses can be transferred from another institution and only one above the 100 level. All courses must be eligible for transfer per the transfer credit guidelines listed on the [Registrar's website](#). Syllabi for each transfer course should be submitted with the proposed plan of study.

In addition to the coursework on a student's plan of study approved by the Curriculum Executive Committee, all IDM students will complete the following:

- All appropriate All-College and elective requirements as listed in the Colorado College catalog.
- All courses approved for their plan of study, including one or two units of GS400: Senior Thesis I and GS401: Senior Thesis II.
- A minimum grade of 2.0 in each major course.

## North American Studies

*Applicable for the 2020-2021 academic year.*  
See Department

The North American Studies Program is designed to create an understanding of the complex regional forces shaping North America. Political, social, cultural, and economic ties among Mexico, the United States, and Canada are transforming all three countries, creating a region which is ever more closely related and interdependent.

The North American Studies Program includes:

1. A thematic minor.
2. Block visitors from Mexico, Canada, and the United States.
3. A North American institute during the Summer Session. This first part of this course is taught at Colorado College, followed by travel to Canada and Mexico. In order to help students interested in North American studies to locate courses of interest, we have cross-listed those departmental courses which deal with North America under the course heading, North American studies.

They are listed below:

### ANTHROPOLOGY:

- **204 Prehistory: North America.**
- **211 The Culture Area: Eskimos.**
- **242 The Anthropology of Food.**
- **290 American Indian Music.**

### ART HISTORY:

- **180 Native American Art.**
- **200 Topics: Art of Mexico.**

HISTORY:

- **105 Civilization in the West: The Atlantic World.**
- **203 Native American History (Canada).**
- **267 History of the Southwest under Spain and Mexico.**

MUSIC:

- **290 American Indian Music.**

POLITICAL SCIENCE:

- **103 Western Political Tradition.**
- **341 International History of North America, 1754–1867.**
- **410 Tutorial in International Relations.**

ROMANCE LANGUAGES:

- **SPANISH 338 Latino Literature in the United States.**

SOCIOLOGY:

- **234 Sociology of 20th-Century Mexico.**

SOUTHWEST STUDIES:

- **275 The American Southwest: The Heritage and the Variety.**

SPANISH:

- **339 Chicano Literature.**

## Southwest Studies

*Applicable for the 2020-2021 academic year.*

**Southwest Studies Website (<http://www.coloradocollege.edu/academics/dept/southweststudies/>)**

Professor PERRAMOND; Assistant Professor GUERRA (director); Assistant Professor ROYBAL

A major in Southwest studies examines the region of the greater Southwest through a variety of lenses, encouraging students to see the complexity that diverse peoples have created in specific places. This blend of peoples and histories living in a distinctive landscape provides a model for study applicable to any region. Using the tools of traditional disciplines in combination with interdisciplinary perspectives, students will learn to observe and analyze places, peoples, and policies, and to use these skills to solve real problems.



- **A Brief Description of the Major and Minor**

Director and Major Advisors: Perramond (Southwest Studies and Environmental Program), Guerra (Southwest Studies), and Roybal (Southwest Studies).

Faculty Advisors: Arroyo-Rodriguez (Spanish), Goldberg (English), Heschel (Organismal Biology & Ecology), Hilt (Physics), Kedhar (Theatre & Dance), Leonard (Geology), Levine (Music), Leza (Anthropology), Linkhart (Organismal Biology & Ecology), Monroy (History), Montaña (Anthropology), Pina (History), Popkin (Sociology), Premawardhana (Religion), Pulley (English), McKay (Race Ethnicity and Migration Studies), Roybal (Southwest Studies), Tucker (Art).

## Major Requirements

### Effective August 2020

**The Southwest Studies major** requires a minimum of 10 units and a maximum of 12 if Spanish courses or SW indigenous language (101, 2 units) are to be taken (and students have not tested out of it). In addition to the general college requirements, a major in Southwest studies must now complete:

- **One (1)** intro foundations course: SW102 (Place, Space, and the Southwest) or CC100 NEW VERSION if taken.
- **Two (2) required foundational courses:** SW272 Cultural Landscapes of the Southwest, and SW273 Art, Power, and Resistance in the Southwest (2 units).
- **One (1) methods classes for the major capstone** (linked to senior plans, in consultation with the advisor, 1 unit)
- **100-level Spanish\***, can be tested out (but we still encourage an additional year of Spanish) – **0-2 units** depending on testing level. \*Native regional language can substitute for two units.
- **Three (3) electives in Southwest Studies (3 units)**
- **Three (3) units that prepare students for their senior capstone**, including SW395 Junior Research Seminar (1) and SW400-401 (2 units of capstone experience)\*\*. *The \*\*2 units of senior capstone can be negotiated if a double major is declared. **One** additional SW elective if SW401 not taken.*

## Minor Requirements

- **A Southwest Studies minor** requires five (5) units. No language requirement applies to the minor apart from the college one year minimum (but we encourage Spanish **or** a SW indigenous language substitute where appropriate).
  - CC100 (SW) *OR* SW102 – 1 unit
  - SW272 or SW273 (1 unit), take one of the two
  - Two (2) units of electives from Approved List of Courses (200-300 level courses)
  - SW395 Junior Research Seminar as a capstone experience

### Chicanx-Latinx Studies minor

The Southwest Studies Program has a new Chicanx-Latinx Studies minor effective August 2020. This new minor includes five (5) units. No language requirement apart from the

college one year minimum (but we encourage Spanish/Native language from the region where appropriate). The minor consists of:

Chicanx/Latinx Studies minor

1 Southwest Studies approved CC100 (or SW102)

3 electives (thematically tied to Chicanx/Latinx foci) from approved list

1 SW395 as a 'finishing capstone' component

## Courses

### Southwest Studies

#### **SW100** Topics in Southwest Studies

Selected topics related to the Southwest, taught at an introductory level. Content will vary from course-to-course.

1 unit — Ingram

#### **SW100** Topics in Southwest Studies

Selected topics related to the Southwest, taught at an introductory level. Content will vary from course-to-course.

1 unit — Ingram

#### **SW102** Place, Space and the Southwest

Survey of the Greater Southwest, the power of place and overlapping cultural geographies of indigenous and European cultures in shaping the history, geography and landscapes of the region. Covers the pre-1492 Southwest, the Spanish conquest and colonial era, and tracks through the Mexican and Anglo-American periods of the Southwest. Considers modern controversies such as land and water use, border issues, environmental challenges, and the maintenance of cultural heritage. Prepares participants for further work in Southwest Studies and affiliated interdisciplinary programs. Some outdoor fieldwork. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Rios

#### **SW120** Mexican Folklorico Dance

Combines instruction in folkloric dance performance with analysis of authenticity, permissible artistic expression, cultural impact and historical distinctions of Mexican Folklorico dance since the beginning of the 20th century. Among the dance traditions studied are Pre-Colonial Danza, Danza, Folklorico and Ballet Folklorico. The class will present a dance performance at the end of the semester, and may perform in less formal events at other times during the semester. Open to all students. (Offered by the semester as an adjunct course.) No prerequisites. (Not offered 2020-21).

.25 unit

**SW128** Introduction to Global Climate

(Not offered 2020-21).

1 to 2 units

**SW130** World Music Ensemble

Mariachi Tigre de Colorado College. Instrumental and vocal performance of Mexican popular and folk orchestral music with emphasis on bel canto singing. Genres include regional sones, huapangos, corridos, boleros, canciones, rancheras, polcas, vales and cumbias. (Offered by the semester as an adjunct course.) No prerequisites. (Not offered 2020-21).

.25 to 2 units

**SW131** Cultural Astronomy of the SW

Surveys the history and concepts of Western astronomy as background for other cultural approaches to astronomy. Focuses on archaeoastronomy and ethnoastronomy of Native Southwestern peoples, including ancestral Puebloans as well as modern Pueblo and Athabascan tribes. Explores relationships among astronomy, rock art, ritual, oral narratives, social patterns and beliefs systems. (Meets the Critical Perspectives requirement and the laboratory/field requirement in the Natural Sciences.) (Also listed as AN 211.) No prerequisites. May meet either the Critical Perspectives: Global Cultures or Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2020-21).

1 unit

**SW141** Sustainable Development

Investigates the concept of sustainable development by first introducing students to necessary economic terms and concepts. It next explores traditional economic models of production and distribution. Finally it introduces the concept of sustainable development (meeting the needs of the present without compromising the ability of future generations to meet their own needs). The course includes fieldwork to explore the behavior of traditional economic models and examples of sustainable development. May involve additional expense. This course is intended for non-economics majors. No prerequisites. (Not offered 2020-21).

1 unit

**SW175** The Southwest: An Introduction

An interdisciplinary and multicultural introduction to the Greater Southwest: its physical settings, histories, peoples, cultures, conflicting ethnic demands and common problems. By using a variety of materials that may include anthropological, artistic, geographical, historical, and literary approaches, the course examines the region we call the Greater Southwest over time and space, concluding with research into current concerns. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 to 2 units

**SW181** Topics in Local and Regional Issues:

In cooperation with local and regional experts, Colorado College faculty and students will explore local and regional issues on a variety of topics. Combining theory with practice, students will work to develop long-term research projects in relationship with needs of groups in the Southwest. Taught in extended format. No Prerequisites (Not offered 2020-21).

.5 unit

**SW183** Community Organizations in the Southwest

Provides students with community learning experiences through a local community organization. Students spend two hours per week working with the organization serving as tutor/mentors for children ages 6 through 12 who are at risk academically. Additional class sessions focus on concepts and theories related to community learning experience, such as race/ethnicity, critical pedagogy, community formation, intercultural dialogue, philanthropy, social justice and social movements. (Offered by the semester as an adjunct course.) No prerequisites. (Not offered 2020-21).

.5 unit

**SW185** In Our Own Backyard: Social Justice in the Southwest

Examines the relationship between social, environmental, and political issues in the Southwest and choices we make personally and institutionally. Traces the resources, both human and natural, that make it possible to live in Colorado Springs and in a college community. Students will work in the field and in the library, developing data about the region. Finally we will consider modes of writing, speaking, data presentation that are essential to effect change. Full year extended format. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* consent of instructor.

1 unit

**SW200** Topics in Southwest Studies:

Selected topics related to the Southwest, taught at an intermediate level. Content and prerequisites will vary from course-to-course.

.5 or 1 unit — Carrizo, Crawford, Guerra, Khan

**SW202** Field Botany

A field course involving collection, identification, and preservation of vascular plants, emphasizing evolution, ecology and biogeography. Takes advantage of the major ecosystems of the Pikes Peak region. (Meets the laboratory/field requirement for natural sciences.) Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

*Prerequisite:* Biology 105.

1 unit — Jabaily

### **SW203** Field Zoology

A field course involving collection, identification, preservation, population studies, and life history studies of animals of regional ecosystems. Systematics, evolution, and biogeography are emphasized. (Meets the laboratory/field requirement for natural sciences.) Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Not offered 2020-21).

*Prerequisite:* Biology 108 or 109 or consent of instructor.

1 unit

### **SW204** Prehistory: The Southwest

Human habitation of the Southwest from earliest times, with emphasis on human interaction with environment. Changes in cultural patterns over time. No prerequisites. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **SW208** Ecology

The analysis of distributions, abundances, and interrelationships of organisms. Populations, communities, and ecosystems are investigated, and implications for humans considered. Laboratory and field experience. (Meets the laboratory/field requirement for natural sciences.) Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

*Prerequisite:* Either 1.) 1 unit from Biology 105, 107,108,109, Geology 130 or 140 & Chemistry & Biochemistry 107; or 2.) Environmental Program 112 & 155 with strong HS Biology; a college-level BY course strongly recommended.

1 unit — Khorsand, Linkhart

### **SW210** Environmental Chemistry

A focus on the thermodynamics and kinetics of pollutants in the air, water, and soil, as well as some toxicology. Statistical methods and the analysis of environmental samples using instrumental methods as well as techniques in chemical waste treatment are covered. (Not offered 2020-21).

1 unit

### **SW211** Southwest Autobiography and Self-Representation: Exploring Culture, Identity, and Place

This course combines literary, cultural, and historical analysis to examine how the U.S. Southwest has impacted and been represented in autobiographical representation (broadly defined). We will discuss the effects of place, race, class, and gender on self narratives and

examine the dynamics of what constitutes a Southwest identity.

1 unit — Roybal

### **SW212** Archaeological Geology

The application of concepts and techniques of geoscience and other disciplines to archaeology to help solve ancient dilemmas. (Not offered 2020-21).

1 unit

### **SW214** History of Native America

Introduces students to the history of native peoples primarily in North America. The course includes histories of individual native groups as well as the relationship between American Indians and a variety of Europeans from before contact until the present. Examines a variety of primary and secondary materials to see patterns in the ways that Native Americans have been affected by the process of conquest, the ways in which Anglo-Europeans have responded to Native Americans, and in the ways in which American Indians have become a part of and remained apart from 'mainstream' American culture. As a broader goal, we also look at the way 'history' is made, understood, and used by very different cultural traditions. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

### **SW217** American Frontiers

(Not offered 2020-21).

1 unit

### **SW220** Environmental Justice in the SW

Conflicts and commonalities between practicing environmentalists (pastoral cultures of New Mexico and southern Colorado) and card-carrying environmentalists. Course topics include historic, economic, and social origins of conflicts between these rural cultures and urban environmentalists and today's response by pastoral cultures to re-create equitable economies that sustain environment and culture. Field trip to New Mexico and southern Colorado. (Meets the Critical Perspective Requirement.) Writing emphasis. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Roybal

### **SW228** Environmental Law of the Southwest

Surveys the major environmental laws, and the landmark court decisions interpreting them that affect environmental policy in the Southwest. Topics include mining, grazing, forests, water, Native Americans, and wildlife. (Also listed as PS 203.) No Prerequisites. (Not offered 2020-21).

1 unit

**SW230** Native Americans Under Federal Law

The most influential external force that has shaped the status and culture of contemporary Native Americans has been federal law. The course examines these laws and Supreme Court decisions that led to the forced removal of Native Americans, established trustee doctrine, imposed assimilation policy, allocated land and natural resources, and changed the system of government for Native American tribes. We consider current efforts by Native Americans to enforce the laws that were enacted to protect their interests but which have been ignored for centuries. Focus is in the Southwest including current litigation over water rights in Colorado, land in New Mexico, and hunting and fishing rights in much of the region. No prerequisites. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**SW237** Latino Immigration and Urban Change

(Not offered 2020-21).

1 unit

**SW239** History of Mexico

(Not offered 2020-21).

1 unit

**SW242** The Anthropology of Food (with emphasis on writing)

This course will explore food concepts, analytical methods, and the food habits of different ethnic groups. The class will have a field trip to the San Luis Valley, and to Northern New Mexico to document the production of food among farmers, cattle ranchers, and restaurateurs. (Limited to 12 students.) No prerequisites. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**SW243** Hispanic Folklore of the Southwest (with emphasis on writing)

This course is designed to introduce students to several approaches in folklore studies and to Mexican material culture, religion, music, and prose narratives in the Southwest region of the United States. We will examine how the different approaches used by historians, literary critics, anthropologists, and folklorists can enhance the study of Hispanic folklore and material culture. (Limited to 12 students.) No prerequisites. Meets the Critical Perspectives: Social Inequality requirement.

1 unit

**SW250** Regional Studies:

(Not offered 2020-21).

1 unit

**SW251** The Drug War

This course introduces students to the global and local impacts of the drug war, with a particular focus on Mexico and the US Southwest. Through an interdisciplinary analysis of drug policy, drug policing, drug trafficking, and drug abuse, students will interrogate the interconnectedness of these practices on everyday life.

1 unit — Guerra

**SW253** Literature of the American Southwest: Contemporary Poets

This course will examine the work of poets living in or writing about the Southwest, including but not limited to poetry that grows out of the three major cultural traditions of the Southwest-Native American, Anglo, and Latino. Students will have the opportunity to write poems as well as to analyze poetry. No prerequisites. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**SW257** Globalization and Immigration on the U.S.-Mexican Border

The current era of globalization has generated the apparent contradiction between the free flow of capital across borders and restrictive immigration policy. The course examines these trends as they apply to the U. S. -Mexican border region and will consider issues such as the following: the North American Free Trade Agreement (NAFTA) and the multifaceted nature of integration between US and Mexican economies, the increase in low wage jobs in the US economy requiring higher levels of Latino immigration, economic development in Mexico that has generated emigration to the US, and US and Mexican immigration policies including the militarization of the U. S. -Mexican border. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit

**SW258** Native Peoples of the Southwest

Provides the fundamental building blocks to understanding the distinctive differences between the major Native Nations of the Southwest including language and culture, respective colonization and resistance experiences, identity and cultural vitality, gender and social roles, and expressive culture and representation. Readings may include ethnographic, ethno-historical, biographical, and linguistic works, as well as critiques of the study of Native peoples by Native scholars. Field Trip Possible. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**SW259** Ritual and Medicine of the Southwest

This course introduces students to the medicinal-ritual practices of indigenous communities in the US Southwest and Mexico. Through an integration of the anthropology of drugs, the anthropology of religion, ethnobotany, and medical anthropology, students will interrogate the interconnectedness of science, medicine, and expressive culture in the Southwest context.



1 unit — Guerra

**SW265** Immigrant Communities in Colorado

The changing demographics of the Front Range communities in Colorado and the socio-economic conditions that generate poverty will be examined as a case study of immigration theory. The increasing diversity of Colorado Springs, Denver, and Pueblo, due in part to high levels of immigration from Mexico, creates new challenges for this region including the provision of adequate housing and social services and racial and ethnic integration in public schools and other institutions. This community based learning course offers students the opportunity to volunteer with a non-profit organization serving Latino immigrants in one of these cities. Particular emphasis will be placed on student teaching of English as a Second Language classes to recently arrived immigrants. Offered as a combined half block and spring semester extended format course; students must complete both the half block and the spring semester work to receive credit for either. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Spanish Language skills recommended.

.5 unit

**SW267** History of the Southwest under Spain and Mexico

The pre-contact history of Anasazi and Athabascan peoples from anthropological and mythological perspectives; the causes and consequences of the Spanish entrada and attempts at missionization of the Indian peoples of New Mexico and the California coast; development of mestizo society; the arrival of the Anglo-Americans and the Mexican-American War. No prerequisites. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**SW268** History of the Southwest since the Mexican War

The adaptation of Native American and Hispanic peoples to Anglo-American culture and politics; the causes and consequences of the loss of Hispanic lands; the evolution of family life and religious practices; indigenous views of modernity. Films, artistic expressions, and works of fiction as well as historical sources. No prerequisites. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

1 unit

**SW272** Cultural Landscapes of the Southwest

An introduction to the cultural landscapes of the Greater Southwest. Guides students with the concepts, terms, and approaches of cultural landscape studies, with a focus on socio-ecological challenges and material-cultural landscapes of the Southwest often perceived to be completely natural. Includes an independent project and may involve a multiple day off-campus excursion.

1 unit — Perramond

**SW273** Art, Power & Resistance

This course introduces interdisciplinary methods of analysis and interpretation in Southwestern art/cultural production/expressive culture, including, but not limited to visual arts, material culture, music, drama, and literature. Students gain a historical foundation that allows them to analyze and interpret early forms of Indigenous, Mexicana/o, and Hispano art, which we use to examine the relationship between art, identity, and power. As we move through the course, we examine how histories of colonialism and cultural mixing produce new identity categories and influence contemporary Southwestern art/cultural production/expressive culture created by Indigenous, Latinx/Chicanx, Hispana/o, and Mexicana/o artists, writers, performers, and musicians. We utilize the rich collections of Southwest art and material culture housed at the Fine Arts Center (FAC) at CC, along with visits to regional sites like museums, artist's studios, and artist communities, to engage in discussions about art and identity, to address how art is a tool for decolonization, and to imagine the ways that artists (broadly speaking) have created narratives of resistance and accommodation through their work. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Roybal

**SW275** The American Southwest: The Heritage and the Variety

An interdisciplinary and intercultural introduction to the American Southwest: its histories, peoples, cultures, conflicting ethnic demands and common social problems. Through the use of a variety of anthropological, historical, and literary materials, the course examines the major Southwestern cultures in isolation and in relation to one another. (Not offered 2020-21).

*Prerequisite:* No credit after FS/SW 175.

1 unit

**SW280** Topics in Literature: The Nature Essay (w/Emp on Wrt

(Not offered 2020-21).

1 unit

**SW291** Southwest American Indian Music

Music and culture of Southwest American Indians, with emphasis on Pueblo and Athabascan peoples. Considers origin narratives, cosmology, ritual drama, dance, and other aesthetic modes as related to Southwest Indian musical performance. Addresses traditional as well as new music. This course meets the ethnomusicology requirement for the music minor. No prerequisites. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**SW300** Advanced Topics in Southwest Studies

Selected topics related to the Southwest taught at an advanced level. Content and prerequisites will vary from course-to-course.

1 unit — Ratchford

**SW301** Political Ecology of the Southwest

Focuses on political ecology in a seminar setting for understanding political economy and ecological concerns. Highlights the struggles and genius of Southwest cultures under changing conditions. May have a multi-day-off-campus field trip. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

*Prerequisite:* Any 100 or 200-level Southwest Studies course and Junior or Senior standing.

1 unit — Perramond

**SW303** Animal Ecology

A field course involving collection, identification, and population and life-history studies of animals of regional ecosystems. Principles of animal ecology, behavior, and biogeography are emphasized through field case studies and discussion of primary literature. Field work includes sampling techniques and their application to answer specific research questions.

*Prerequisite:* Biology 208 and either Biology 106, 108, or 109; or consent of instructor. No credit after Biology 203.

1 unit

**SW307** Museums and the Presentation of the Southwest

Examines the role of museums as educational institutions in preserving and presenting cultural products and heritages. Emphasis on the hands-on analysis of artifacts, interpretation of material culture and the presentation of the cultures of the Southwest. (Limited to 16 students.) May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Anthropology 111 or consent of instructor.

1 unit

**SW308** Topics:

(Not offered 2020-21).

1 unit

**SW310** Archives of Power

This course traces the development of “archive studies” and integrates regional archives as an empirically sound and “objective” forms of public history and record. Examines institutional, colonial, and heteronormative logics of archival and power dynamics that drive archive creation. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

*Prerequisite:* any 200 level Southwest Studies or History course.

1 unit — Roybal

**SW311** Topics in Southwest Studies:

An introduction to the geochemical, physical hydrological and biological properties of water systems at the level of a watershed. This course applies principles of physical hydrology, redox, acid-base and solubility chemistry, sampling and experimental design. Includes a significant laboratory component involving GIS and the analysis of samples collected in the field. (Not offered 2020-21).

1 unit

### **SW320** Field Archaeology

Methods and concepts employed by the archaeologist in excavation. Both field and laboratory techniques are utilized to obtain the information from which site reports are written. What kinds of inferences about culture can be made from excavated material and the excavation process? Four weeks in the field.

1 unit

### **SW321** Rio Grande: Culture, History and Region

An interdisciplinary course based on history, culture, and water issues. It will explore the cultural heritage and creativity of groups whose historical experience has been shaped by the Rio Grande basin from its origin in Colorado to its mouth in the Gulf of Mexico. The course will engage a broad American and international public in the exploration of how the river basin and the people who live within it change, evolve, and develop together, and can affect each other. Limited to 12 students. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2020-21).

*Prerequisite:* Anthropology 102 or consent of instructor.

2 units

### **SW322** Borders and Borderlands

This course offers a grounded understanding of borders and borderlands, specifically the U.S.-Mexico Border. Utilizing the U.S.-Mexico borderlands and its inhabitants as a case study, we will interrogate identity formation, cultural hybridity, exclusion, difference, biculturalism, social control, boundaries and “boundedness.”

*Prerequisite:* 1 SO/SW/AN course and 201 level Spanish.

1 unit — Guerra

### **SW337** Chicana/Latina Literature

This course examines Chicana/Latina literature, including fiction, poetry, and critical essays through a comparative, regional, and interdisciplinary approach. Through our study of Chicana/Latina literature, we will underscore the relationship between place and identity for Chicana/Latina peoples of the Southwest, West, and Midwest; and we will consider how written texts reflect social, political, and historical contexts. We will read literature that crosses a wide temporal sequence to discuss how Chicana/Latina authors have, and continue to address, issues of colonialism, race, class, gender, and sexuality. Throughout the course, we will also examine how the increasing U.S. presence of Chicana/Latina peoples is radically reshaping the American literary canon. (Not offered 2020-21).

1 unit

**SW338** Latina/o Literature in the US

S. Comparative study of works of Chicano, Puerto Rican, and Cuban authors, as well as Latin American writers in exile in the United States, including political essays of Marti and Flores Magun and the contemporary works of Hinojosa, Mohr, Laviera, Rivera, Alegria, and Valenzuela. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**SW341** Ecological Economics and Sustainability

Provides an introduction to ecological economics (an interdisciplinary approach to understanding and managing the ecology and economics of our world) and introduces/extends students' understanding of sustainability (meeting the needs of the present without compromising the ability of future generations to meet their own needs). It reviews options for economically efficient allocation of resources that also protect the stock of natural capital over spatial and temporal space; and investigates the application of tools of analysis and solutions to a regional management problem in the American West. (Week field trip, extra expense for students not on campus Board Plan.) ; for Environmental Science credit: EC 141 or EV 141. (Not offered 2020-21).

1 unit

**SW352** Waters of the West

An introduction to western water laws, water management policies, and the legacy of water federalism. Particular attention is given to instream flow programs, Native waters, community ditches, water justice, and water conservation efforts in the Southwest. 1 unit.

*Prerequisite:* Southwest Studies 102 or Environmental Program 128 or Environmental Program 145 or consent of instructor.

1 unit — Perramond

**SW390** Independent Research in Southwest Studies:

Independent research based on library, laboratory, or field investigation of a cross-disciplinary question concerning the Southwest.

*Prerequisite:* Two previous SW courses, consent of both the instructor and the Southwest Studies program director, and registration at least four weeks prior to the block in which the research is to be initiated.

.5 to 1 unit

**SW395** Junior Research Seminar

A seminar for third-year students, organized around a common set of Southwest readings with coverage of inter-disciplinary research methods, and designed so that majors can complete a research proposal to carry out in their senior capstone project. Special attention

to regional or area studies as an organizing principle for the courses.

*Prerequisite:* Majors & Minors Only.

1 unit — Guerra

**SW400** Senior Capstone Project:

Independent research project based on field or archival research to be done in consultation with two faculty members. A proposal for the project would need to be approved by Faculty Advisory Committee by the end of the junior year.

*Prerequisite:* consent of instructor & Southwest Studies 175, 272, 273, 3 units from approved SWS course list & required methodology course.

1 unit — Guerra, Perramond, Roybal

**SW401** Senior Capstone Project:

*Prerequisite:* Southwest Studies 175, 272, 273, 3 units from approved SWS course list & required methodology course.

1 unit — Perramond, Roybal

**SW410** Ornithology

Identification, taxonomy, anatomy, physiology, behavior and ecology of birds, including field and laboratory work.

*Prerequisite:* consent of instructor or Biology 203.

1 unit — Linkhart

**SW446** Special Topics: Herpetology

(Not offered 2020-21).

1 unit

**SW500** Topics in Southwest Studies: Contemp Native American Writer

(Summer only 2020-21).

1 unit

**SW520** Topics in Southwest Studies:

(Summer only 2020-21).

1 unit

**SW527** Southwest Studies Institute:

(Summer only 2020-21).

2 units

**SW530** Native Americans Under Federal Law

(Not offered 2020-21).

1 unit

**SW555** The Santa Fe Trail: Cultural Crossroads

(Summer only 2020-21).

1 unit

**SW580** Willa Cather's West

Meets the Critical Perspectives: Global Cultures requirement. (Summer only 2020-21).

1 unit

# Non-Departmental Studies

## Film Studies

*Applicable for the 2020-2021 academic year.*  
Professors BUTTE, SARCHETT

Film studies is a program administered by the Department of English. The program offers a minor to students with an interest in narrative film and video in addition to their major. The orientation is eclectic and aesthetic. We study cinema as a narrative art, whatever the genre of storytelling (fiction film, documentary, animation, experimental) or mode of presentation (theatre, television, internet). The curriculum is enriched by faculty in other departments and by visiting scholars, filmmakers, and screenwriters.

### Minor Requirements

The minor in film studies requires the successful completion of six units of coursework including:

- Two core courses: FM102: Basic Filmmaking or FM240: Topics in Filmmaking: Directing the Fiction Film or FM210: Topics in Filmmaking: Documentary Form and Filmmaking; **and** FM101: Introduction to Film Studies
- One additional unit in film history/criticism: FM300: Film History and Theory or FM200: Topics in Film Genre and History, or a film study class on a specific subject (e.g. Hitchcock) or FM305: Advanced in Film and Media Studies.
- One additional unit in filmmaking: FM302: Advanced Filmmaking or FM240: Topics in Filmmaking or FM202: Beginning Screenwriting or FM310: Advanced Topics in Filmmaking.
- Any two additional film studies units, not to include more than one unit on non-narrative film/video, or of independent study.

### Courses

#### Film Studies

##### **FS210** Studies in Cinema I

(Summer only 2020-21).

.25 unit

##### **FS211** Studies in Cinema II

(Summer only 2020-21).

.25 unit

##### **FS250** Philip K. Dick's America in Fiction and on Film

(Summer only 2020-21).



1 unit

**FS325** Narrative Filmmaking

(Summer only 2020-21).

1 unit

**FS384** Intermediate Screenwriting

(Summer only 2020-21).

1 unit

## General Studies

### Courses

### General Studies

**GS100** Bridge Scholar Programs:

Introduction to a liberal arts topic, covering source material in depth and stressing methodology, research, presentation, and writing. 0.25-0.5 units. Taught as a regular block prior to NSO (0.5 unit) or as adjunct (0.25 unit).

*Prerequisite:* Offered as P/F Only.

.25 unit — Chan

**GS101** Freedom & Authority

The conflicts of individual freedom and institutional authority in ethics, politics, science and religion. Readings emphasize the development of these conflicts in Western culture, from antiquity to modern times, and are related to the decisions which students must make concerning the central values in their lives. Freshmen only. Students may receive separate grades for each block of this course, but must be enrolled in all the blocks in order to receive credit. (Cannot be taken for credit after General Studies 301.) (Not offered 2020-21).

*Prerequisite:* First Year Experience Course. 1st Years Only.

1 to 2 units

**GS102** Masterpieces of European Literature and Film

(Summer only 2020-21).

.5 unit

**GS103** Communication for Collegiate Success

(Summer only 2020-21).

*Prerequisite:* pre college course.

.25 to 1 unit

### **GS105** The Power of Data and Models

The ability to use data and basic algebraic models (economic, biological, physical) gives you tools to investigate more deeply key concepts in a variety of disciplines. This adjunct course is designed to help students improve their skills in college algebra and precalculus skills in a context of investigating datasets and basic models. More broadly, a course goal is to help students be more successful in rigorous, gateway or required courses to majoring in math, science, and economics at Colorado College. Parts of the adjunct will involve teamwork with data and models, while other segments will be tailored to the individual's progress in ALEKS (Assessment in LEarning in Knowledge Spaces) learning modules. 0.25 unit.

*Prerequisite:* Offered Pass/Fail Only.

.25 unit — Getty

### **GS107** The Senegal Project: French, Wolof and Cultural Studies in

Meets the Critical Perspectives: Global Cultures requirement. (Summer only 2020-21).

*Prerequisite:* consent of instructor.

1 to 2 units

### **GS108** Distinctively English

An introduction to aspects of contemporary English life which distinguish English culture for its North American variations. Topics include: the geographical setting, demographic realities, social and moral values, food, humor, and the role of tradition. (Not offered 2020-21).

.5 to 1 unit

### **GS110** Stroud Scholars Composition

(Not offered 2020-21).

*Prerequisite:* Stroud Scholars Only.

### **GS111** Stroud Scholars Quantitative Reasoning

(Not offered 2020-21).

*Prerequisite:* Stroud Scholars Only.

### **GS113** E.M.T. Basic

A semester-long adjunct course including classroom, and field laboratory experience in emergency medical techniques, including but not limited to patient assessment, airway management, cardiopulmonary emergencies, bleeding and shock, medical emergencies,

childbirth, environmental emergencies including a section on wilderness medicine, psychological aspects of emergency care and EMS systems. 6-10 p. m. Monday and Wednesday. Some Saturday lab sessions. No class during block breaks. Successful completion of this course qualifies the student to sit for the Colorado State E. M. T. basic Prerequisite (State Requirements): Copy of valid driver's license or birth certificate; Proof of Current (TB) Tuberculosis Test (PPD Test) within the last six months; Proof of Varicella (Chicken Pox) vaccination/exposure; Proof of Hep-stat (Hepatitis B) series.

.5 unit — Hammes

### **GS118** Topics in Community Engagement

Integrates theory and experiential learning to introduce core concepts and models of effective, equitable, and intentional engagement with communities beyond the campus. This community-based learning (CBL) course aims to deepen the perspectives and skills needed to apply a liberal arts education toward solving public problems in inclusive, democratic ways. Pass/fail only.

.25 unit — Radke

### **GS120** Critical Approaches to the Liberal Arts

This course introduces students to theoretical concepts and interpretive methods deployed in analyzing the nature, structures, and practices of the liberal arts. The goal is to prepare students to participate in critical discussions about the different ways that people experience, interpret, and find meaning in the context of a liberal arts education. The course will focus on three major themes in philosophy of education: the aims of education; the practices and politics of knowing; and the nature of teaching and learning. The course also prepares students to work as mentors in the Colorado College First Year Experience program. Pass/Fail only; COI required; .25 units. (Not offered 2020-21).

*Prerequisite:* consent of instructor & Pass/Fail Only.

.25 to .5 units

### **GS125** The College Experience

An examination of the problems of moral, psychological, and social development in college life. A discussion of the kinds of development needed during the college years for the self to move from adolescence to adulthood. Readings will be from authors such as Allan Bloom, Erik Erikson, Lawrence Kohlberg, Heinz Kohut, George Vaillant, and David Norton.) (Not offered 2020-21).

.5 to 2 units

### **GS128** Studies in Portuguese

For students interested in acquiring an elementary speaking and reading knowledge of Brazilian Portuguese. The course is intended only for students who have already reached intermediate levels in another romance language. Oral drills, reading, grammar, tapes, Brazilian music and Brazilian film. (Not offered 2020-21).

.5 unit

**GS142** Interpretation of Mythology and Fairy Tales

Since the dawn of civilization, mythology has fascinated peoples from all cultures. Until recently, the study of mythology was considered an important feature of a liberal education. The present era is rediscovering the joy and instructive value of mythology. This course provides students an opportunity to experience the joy and explore the mystery of mythology. In particular, the course enable students to acquire skill in the analytic interpretation of myths and fairytales. Myths from Western and Polynesian cultures will be reviewed and selected fairy tales from the Brothers Grimm will be examined. (Summer only 2020-21).

1 unit

**GS143** Order in Celluloid: Cinematic Narrative in Comparative Hist

(Summer only 2020-21).

1 unit

**GS147** History, Poetics and Visual Culture: American Sign Language

(Summer only 2020-21).

2 units

**GS170** Rhetoric of Civil Rights

(Not offered 2020-21).

*Prerequisite:* First Year Experience Course. 1st Years Only.

2 units

**GS180** War & the Challenge of Peace

(Summer only 2020-21).

1 unit

**GS198** Internship

de Araujo

**GS199** Internship

Students are provided with a significant learning experience outside the classroom setting, usually being placed with a company, non-profit or community based organization. The internship represents an educational strategy that links classroom learning with the application of knowledge in an applied work setting. Students participate in an internship for at least four weeks and no less than 40 hours of supervised work.

*Prerequisite:* Sophomore, Junior or Senior status & a proposal approved by the Registrar.

.25 unit — de Araujo

**GS200** Practice in Writing

Regular meeting with instructor to provide aid for those whose backgrounds make formal college writing difficult; practice in expository prose. (Not offered 2020-21).

*Prerequisite:* consent of instructor.

.25 to 1 unit

**GS201** Advanced Written Practice in ESL

Language practice and support for any student whose native language is not English. Review of and practice in American academic writing conventions, mechanics, and English grammar. Writing Intensive. (Not offered 2020-21).

.5 to 3 units

**GS203** Morality in War

The relevance of moral concepts to the analysis of war; moral justifications for war and terrorism; personal responsibility in war; the responsibility of citizens and public officials; the moral basis of nonviolent action and conscientious objection. Application to conflicts from ancient times to Vietnam. (Not offered 2020-21).

1 unit

**GS204** Spirit and Nature: Religion and Science

Come and explore the realms of spirit and nature, and within those realms the human spirit and human nature. Examine where good and evil are to be found. Study the parallels and differences between religion and science. Discover meaningful relationships between 1)the natural and the supernatural; 2)natural history and natural theology; 3)immanence and transcendence; 4)the animate and the inanimate; 5)the sacred and the secular. Consider how a person of integrity can be both religious and scientific. Explore our world in both natural and religious settings. Become aware of the diversity of life, and of religions, and look for ways to nurture and protect both diversities. Come away looking at our world and all its components, including the spiritual and the natural, in new and different ways. The course will trace the development of the theory of evolution in 19th century Victorian England by both Charles Darwin and Alfred Russell Wallace and consider the response to the theory in both scientific and religious circles, both then and now. There will be re-enactments of meetings of the Royal Society of England in response to the publication of *The Origin of Species* and debates in those meetings. We will explore faith and the plurality of religions through Paul Tillich's *Dynamics of Faith* and Diana Eck's *Encountering God*, consider *The Sacred Depths of Nature* with Ursula Goodenough, reflect on human-human and human nature interactions and the nature of evil with the aid of Rosemary Reuther's *Gala and God* and Lance Morrow's *Evil: An Investigation*, experience different religious communities, and read and recite nature poetry. Field projects (with on-and off-trail hiking) will include exploring 1)bio-diversity in the San Luis Valley, and 2)the geologic history of the Garden of the Gods and Queen's Canyon. We will be participating in a community service learning project surveying parts of the newly-developed Cheyenne Mountain State Park for signs of wildlife. Class will be held at the Baca campus for one week during Block 1. (Not offered 2020-21).

1 to 2 units

### **GS205** Reading Practicum

This 0.25 credit course develops active reading strategies and skills necessary for students to read successfully at the college level. The course will be taught primarily in a workshop format, using group discussions, directed readings, small group activities, and written reading-response assignments. Students at all levels of reading proficiency are encouraged to enroll in order to improve reading comprehension and speed, expand critical reading skills, and enhance reading proficiency across the liberal arts curriculum. (2 consecutive blocks)

.25 unit — Alvarado

### **GS206** Advanced Practice in Written and Oral Fluency in English

Students will develop their linguistic and cultural competencies in the context of investigating contemporary social, economic, and political issues in the United States, such as immigration, American identity, and globalization. Students in this course will: (1) refine grammatical structures and syntax to provide clear communication of thought; (2) complete short oral presentations and demonstrate the ability to participate in class; (3) read primary and secondary sources and critically analyze them; and (4) create an argumentative thesis, choosing reliable sources for support. By the end of the class, students will be able to write thesis-driven, documented essays in a variety of rhetorical modes. They will develop strategies for listening comprehension, build their vocabularies, and speak confidently in class. (Not offered 2020-21).

1 unit

### **GS207** Intensive Written and Oral Practice in English

(Summer only 2020-21).

.5 unit

### **GS208** Advanced Language Practice for Culturally and Linguistically Diverse Students

Writing practice and support for any student whose native language is not English. Review of and practice with American academic writing conventions, mechanics, and English grammar. Short writing assignments (consisting of reflections and response papers) and one longer writing project (consisting of peer reviewed drafts) will total 15 pages of writing. This course may be taught as an adjunct or as a half block. Pass/fail. .5 unit. (Not offered 2020-21).

*Prerequisite:* Offered as Pass/Fail Only and .5 units in half block and one semester extended format. Offered year-long extended format 1.0 units.

.5 or 1 unit

### **GS209** Topics:

An interdisciplinary exploration of the relation of scientific and religious ways of knowing and understanding the world and our role in it, emphasizing the communal character of

science and religion, and analogies in their methods of inquiry. Examination of significant scientific/religious issues confronting society, such as 'creation science,' abortion and genetic engineering; and how they might be resolved.) (Summer only 2020-21).

1 to 1.5 units

**GS210** Foundations of Nonviolence

Religious and philosophical foundations of nonviolent thought and actions: episodes of nonviolence in historical context; the future of nonviolence. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 unit

**GS211** Understanding the Holocaust

(Not offered 2020-21).

1 unit

**GS212** Minds, Machines & Mammals

Can machines think? Do animals think? What are our criteria for ascribing intelligence to any system, including the human mind? This course explores these questions and others in an effort to understand the nature of intelligence. (Not offered 2020-21).

1 unit

**GS213** Global Scholars Program:

.5 unit — Walter

**GS214** Workshop in the Digital Liberal Arts

This adjunct course is designed for students to work individually or in groups on a digital research project. Under the supervision of faculty, IT specialists and/or librarians, students research a focused topic grounded in their major or another field in which they have expertise and learn how digital technology can best be used in this scholarly endeavor. Course meets two times per week over the course of two blocks, two-and-a-half hours each meeting. Course may be repeated with a different research project. .5 units. Instructors: Faculty with the support of IT staff and Librarians. (Not offered 2020-21).

.5 unit

**GS216** Introduction to Journalism

Basic skills of the discipline, focusing primarily on news, analysis, feature and editorial writing (including research, fact-checking, interviewing), but dealing also with editing, layout, journalistic ethics, libel laws.

1 unit — Hutchins

**GS217** Practice in Journalism

A semester-long extended format course, designed and executed with faculty supervision, that combines practical experience in journalism with theoretical reading, an annotated portfolio of work completed, and a journal of reflections leading to an overview of the semester. The course can be taken twice and is limited to one unit counting towards the degree. (Not offered 2020-21).

*Prerequisite:* consent of instructor.

.5 unit

**GS218** Topics:

An intermediate course in the behind-the-camera arts of lighting, set design, cinematography, and sound recording. The focus will be on film and video making in a studio environment. Scenes will be staged and shot to demonstrate the effects of various approaches to scene design and cinematography. (Summer only 2020-21).

1 unit

**GS219** Mix Media Watercolor on Paper

(Not offered 2020-21).

1 to 3 units

**GS220** Blacks & the Cinema NOW FS 220

An introduction to the relationships Blacks have had to the American cinema: as filmmakers, performers, audiences and as 'characters' whose image have formed a critical vocabulary for American race relations. (Not offered 2020-21).

1 unit

**GS221** Italy after Fascism

A study of present-day Italian society through its history, literature and film. The starting point of the course is Neorealism, a revolutionary movement in cinema which became the repository of partisan hopes for social justice in the postwar Italian state. A selection of texts and films produced between 1945 and 1985 will attempt to show in what ways Italian society has fulfilled, and disappointed, the promise of Neorealism. This course will also serve as the culminating experience for the Italian Minor. (Not offered 2020-21).

1 unit

**GS222** Special Topics:

Selected topics will be discussed and will vary from year to year.

.25 or .5 or 1 unit — Banagale, Bruder, Bull, Chan

**GS223** Politics, Ethics and Journalism (with Emphasis on Writing)

Survey of the influence of the news media in American Politics with particular attention to the ethical problems faced by working journalists. Emphasis on the conflict between the



public's right to know and the individual's right to privacy. Jointly taught by a professional journalist and a member of the Colorado College faculty. (Not offered 2020-21).

1 unit

**GS224** Colorado College Student Journalism Institute:

(Summer only 2020-21).

*Prerequisite:* consent of instructor or consent of department.

1 to 2 units

**GS227** Wilderness Studies: Water in the West

(Summer only 2020-21).

1 unit

**GS228** Human Sexual Behavior

Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2020-21).

1 to 3 units

**GS229** Disability Culture

(Summer only 2020-21).

1 to 1.5 units

**GS230** Waging Nonviolent Conflict

An investigation into the strengths and limitations of nonviolent conflict in bringing social and political change. After a week investigating social movement theory drawing from several disciplines, students participate in a workshop in which they envision, organize and strategically guide a virtual nonviolent social movement. Class requires substantial engagement in class and group projects and a final exam. (Not offered 2020-21).

1 unit

**GS233** Topics in Journalism:

1 unit — Alters, Breslow, Hayward, Hutchins

**GS234** Issues in Contemporary Africa:

A survey of African history followed by discussion of current political, social, and environmental issues in southern Africa. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2020-21).

1 unit

**GS236** Studies in West African Culture

Meets the Critical Perspectives: Global Cultures requirement. (Summer only 2020-21).

1 to 2 units

**GS240** The 18th Century: Theatre, Music, Art, Science and Revolution

(Not offered 2020-21).

*Prerequisite:* Taught at the Newberry Library in Chicago - EXTRA \$\$.

1 unit

**GS241** The Meaning of Monsters

(Summer only 2020-21).

1 unit

**GS242** Woof and Warp: The Weave of Science and Literature

What are the interrelationships between science and literature? In what ways does literature mirror, reject, distort, or even anticipate changes in scientific views of the earth and the cosmos? By relating scientific essays and demonstrations to literature, we will explore how authors such as Thomson, Wordsworth, Pynchon, Stoppard, Whitemore, Borges and Calvino have employed scientific concepts. (May be offered with Emphasis on Writing.) (Not offered 2020-21).

1 unit

**GS245** Women on the Edge: A 5th Century for Contemporary Cult

(Summer only 2020-21).

1 unit

**GS246** The HBX Core @ Colorado College: The Language of Business

(Summer only 2020-21).

1 unit

**GS247** Introduction to Museum Studies

Bridging theory and practice, the course considers museum history, philosophy and operations, exhibition planning, design, interpretation, and conservation. Students will explore how cultural attitudes, institutional policies, and social expectations have historically influenced, and continue to shape, the development of the modern museum, while undertaking projects relating to collections research, exhibition development, and object interpretation. The course includes field trips to museums to view exhibitions and to meet with museum professionals.

1 unit

**GS249** Defined by Hollywood? Reel Women

(Summer only 2020-21).

1 unit

**GS255** Reading and Rhetoric in the Liberal Arts: Envir Politics

This half-unit (0.50 credit) course focuses on readings in contemporary environmental politics and the rhetoric of these readings. We will examine how the environment is mobilized as a political device and how public opinions and policies may be shaped by particular rhetorical strategies. The course will be taught in a workshop format, using group discussions, directed readings, small group activities, individual meetings, and a series of written reading-response assignment. One of Colorado College's foremost objectives as a leading liberal arts institution is to prepare its students 'with mental agility and the skills of critical judgments essential to learning (2006-2007 Colorado College Catalog of Courses, p. 15). Reading is one of the principal means by which we expose students to a variety of ideas, data, disciplines, and epistemologies. This course attends to reading in both theory and practice to challenge students to engage with texts more critically and actively. By focusing upon critical readings of environmental politics, students will develop strategies and knowledge that translate across the liberal arts curriculum. (Offered as a half-block and extended format course.) (Not offered 2020-21).

.5 unit

**GS257** Topics in Reading and Rhetoric in the Liberal Arts:

This course examines what it means to read on both a theoretical and practical level. Focusing on readings concerning the transactional theory of reading, students will consider the influence of the background knowledge and beliefs they bring to texts as well as the way in which the text can prompt transformations in their thinking and believing. In the process of reading and discussing the assigned materials, the students will also develop and polish college level reading skills. This course will be taught in a seminar fashion, with small and whole group discussion, assigned readings and reading-response short papers.

.5 unit — Schacht

**GS260** Writing Enhancement

Provides an opportunity for students to improve their writing skills through practice and criticism. This course must be taken in conjunction with a Writing in the Disciplines course if taken in fulfillment of the Writing Proficiency Requirement. (Must be taken on a P/NC basis: first taught in academic year 2010-11.)

*Prerequisite:* Consent of Instructor.

.5 unit — Schacht

**GS263** Botanical Illustration

(Summer only 2020-21).

1 unit

**GS265** The Great Frontier

(Summer only 2020-21).

1 unit

**GS273** Museum Collections Management: History, Ethics and Practice

Examines historical and philosophical origins of museums and their collections. Students will explore how the acquisition, preservation, and display of museum collections reflect shifting ethical, political, and philosophical priorities, cultural values, and ideologies. The course includes field trips to museums to view exhibitions, research facilities, and collections storage, and to meet with museum professionals. (Not offered 2020-21).

*Prerequisite:* One of the following: Art History 100, Art History 112, Art History 113, Anthropology 101, Anthropology 102, Anthropology 103, History 105, Southwest Studies 175, or consent of instructor.

1 unit

**GS280** Creative Writing, Science Writing, and River

(Not offered 2020-21).

1 unit

**GS281** Aye Carumba! Interpreting The Simpsons and Other Popular

(Summer only 2020-21).

1 unit

**GS300** Theory and Practice of Peer Tutoring

*Prerequisite:* consent of instructor & Must apply during 2nd block.

.5 unit — Bell

**GS302** Independent Study: Topics in Museum Studies

An extended-format independent study for students interested in exploring specific research topics in Museum Studies. Including supervised reading, field work, and structured reflection, the Independent Study will culminate in a project that applies Museum Studies methodologies and/or philosophies to investigate a research question. Final projects may include research essays, exhibitions, and/or other creative work. A presentation to the college community may be incorporated into the independent study, but will not substitute for written work.

*Prerequisite:* General Studies 247.

.5 unit

**GS309** Independent Study:

Supervised reading and structured reflection following a student's participation in a Colorado College Student Exchange or Affiliated study abroad program, culminating in a

research essay and/or extensive creative work plus a reflective journal/portfolio on the international experiences. A presentation to the college community may be incorporated into the independent study, but will not substitute for written work.

.5 to 1 unit

### **GS312** Advanced Filmmaking NOW FS 312

A course designed to prepare students for doing advanced independent projects in film or video. The course is a prerequisite for doing senior projects and deals with the creative and practical disciplines required to do festival-quality work. Activities include hands-on experience shooting and editing 16mm film and digital video. (Not offered 2020-21).

*Prerequisite:* General Studies 112.

1 to 2 units

### **GS313** Education, Seduction, and the Play of Ideas

(Summer only 2020-21).

1 unit

### **GS314** Independent Study in Journalism

This course has two components: a practicum in journalism and an integrated project designed to accompany the student's course work in the minor. The student's work in the practicum will be evaluated by the on-site supervisor; the supervisor's reports will be reviewed by the minor advisor. The project should be designed by the student in consultation with the minor advisor and course instructor(s). The project should involve a critical component: it should enable the student to explore and critically reflect upon the construction of newsworthy material, the formal and generic constraints of journalistic writing, and the shaping ideologies, both subjective and institutional, of specific instances of journalism. (Only open to students who are pursuing the Thematic Minor in Journalism.)

*Prerequisite:* consent of instructor & Must be pursuing Thematic Minor in Journalism & General Studies 216 & either English 280 'Journalism as Literature' or General Studies 223.

1 unit — Hayward, Hutchins

### **GS320** Independent Study

Supervised readings or in-field investigations in areas of interest to the students that are interdisciplinary in nature and cross divisional lines within the college. The readings and/or investigations will be followed up with discussions and written reports. Must be approved and supervised by two faculty members from different divisions of the college.

1 unit — Womack

### **GS322** Film & Video Animation

(Summer only 2020-21).

1 unit

**GS330** Urban Investigations

Guided exploration of a topic in urban studies chosen with the instructor's approval. Satisfies the integrative experience requirement for the Urban Studies thematic minor.

*Prerequisite:* consent of instructor or Sociology 123.

1 unit — McKendry

**GS352** Off-Campus Study/Abroad Semester Placeholder

(Not offered 2020-21).

4 units

**GS390** Grant Writing

Facilitates the development of the research skills, audience awareness, clarity of purpose, and persuasive rhetoric necessary for writing grant applications for individuals and for groups. Provides students the opportunities to write a grant for an individual project and experience aspects of the grant-writing process for an organization. Meets once per week over 4 blocks. As this course requires substantial writing, revision, and response, course seats will be capped at 12.

.5 unit — Sartin

**GS391** Senior Thesis/Ind. Study Course

Placeholder Course for students during preregistration. They should use this course at preregistration time instead of leaving the block blank! The correct version will be added to the students schedule after preregistration is over.

or 1 unit — Apodaca

**GS392** Off-Campus Study Abroad Semester

Placeholder for the Spring Abroad Registration during Pre-registration.

1 unit — Bertsche

**GS395** Peer Tutoring Practicum

*Prerequisite:* General Studies 300 or consent of instructor. Pass/Fail Only.

.5 unit — Bell

**GS399** Topics in Advanced Writing Projects

This course will provide students with strategies for approaching advanced writing projects, such as senior thesis papers, grant and scholarship applications, and essays for graduate and professional schools. Students will learn methods for research, invention, drafting, organization, and revision. By the end of the class, students will have produced a significant piece of writing for a class or an independent project. As this course requires substantial writing, revision, conferencing, and response, course seats will be capped at 12.

*Prerequisite:* consent of instructor & Pass/Fail grade track only. Either .25 units in two block adjunct format or .5 units in half-block (1.0 units maximum credit in any given year).

.5 unit — Alvarado

**GS400** Senior Thesis I

Thesis subject of integrative project to be developed by the student with the approval of the advisor. For liberal arts and sciences majors or students doing the integrative project of Thematic Minors. Offered any block of the year.

1 unit — Gray, Hautzinger, Miller-Stevens

**GS401** Senior Thesis II

Completion of the senior thesis and oral defense with faculty sponsors. Liberal Arts and Sciences majors only. Offered any block after 400 Senior Thesis I.

1 unit — Gray, Guerra, Hautzinger, Jabaily

**GS500** American History, American Cinema

(Summer only 2020-21).

1 unit

**GS501** Liberal Arts and Sciences Institute:

(Not offered 2020-21).

2 units

**GS505** The Pikes Peak Institute

(Summer only 2020-21).

1 unit

**GS508** Pre-Columbian Art of MesoAmerica

(Summer only 2020-21).

1 unit

**GS510** Literature & Censorship

(Summer only 2020-21).

*Prerequisite:* Exp Teachers.

1 unit

**GS511** Indian/White Conflict on the Southern Plains--The Sand Creek

(Summer only 2020-21).

*Prerequisite:* Experienced Teachers.

1 unit

**GS513** Education, Seduction, and the Play of Ideas

(Summer only 2020-21).

1 unit

**GS515** Integrated Natural Science Institute

(Summer only 2020-21).

1.25 to 2 units

**GS517** The Heart in Education: Reducing Stress and Holistic

(Summer only 2020-21).

1 unit

**GS518** Colloquium:

(Summer only 2020-21).

.5 unit

**GS519** Coins in the Classroom

(Summer only 2020-21).

*Prerequisite:* Teachers Only.

.25 unit

**GS520** MAT:

.25 to 1 unit

**GS521** Form & Function:

(Summer only 2020-21).

.75 units

**GS522** Constancy & Change:

.75 units

**GS524** Leadership in Science (I and II)

(Summer only 2020-21).

.75 units



**GS525** Order & Chaos:

(Summer only 2020-21).

.75 units

**GS526** Order and Chaos: Earth and Physical Science

.75 units

**GS527** Southwest Studies Institute:

(Summer only 2020-21).

*Prerequisite:* Graduates Only.

2 units

**GS531** Liberal Arts Brain

(Summer only 2020-21).

1 unit

**GS532** Education Seminar:

(Summer only 2020-21).

.75 units

**GS535** New Paradigms for Teaching Anatomy and Physiology in the

(Summer only 2020-21).

1 unit

**GS551** Experienced Teacher Independent Readings

.5 unit

**GS552** Experienced Teacher MAT Capstone Seminar

(Not offered 2020-21).

.5 unit

**GS554** Experience Teacher Institute:

(Summer only 2020-21).

.5 to 2 units

**GS556** Action Research for Experienced Teachers

(Summer only 2020-21).

.5 unit

**GS557** College Ahead Practicum for Secondary MAT's

.5 unit

## **Studies in Natural Science**

### **Courses**

#### **Studies in Natural Sciences**

**NS100** Hughes Summer Science Program:

(Summer only 2020-21).

.5 to 1 unit

**NS102** San Luis Valley Program (with Emphasis on Writing)

(Summer only 2020-21).

.5 unit

**NS103** Outdoor Leadership Institute:

Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.  
(Summer only 2020-21).

1 unit

**NS108** Material Science and Instrument Design

Explores the physical properties of a wide range of materials through applications, such as robotics, and the design of instrument parts via discussion and hands-on experience. Manufacture of assigned instruments and/or parts leads to an understanding of the tolerances that can be expected of common machinery, including a mill, lathe, and a CNC (computer numerical control) mill for the automation of tasks. The course will develop practical skills useful for experimental science or any discipline or trade that requires improvisation or prototyping. (Not offered 2020-21).

*Prerequisite:* consent of instructor.

.5 unit

**NS109** The Material World (Writing Intensive)

Natural and synthetic materials; their properties, their functions in living and engineered structures, and the environmental impacts of their use. Applications to human-powered vehicles, lasers, superconductors, medical prostheses, and other systems familiar and exotic. (Not offered 2020-21).

1 unit

**NS125** The Science of Scuba Diving

(Summer only 2020-21).

1 unit

**NS160** Mathematics and Geology of the Great American Desert

A two block FYE course where the central goal is to educate students about the role of mathematics and geology in understanding the development of the Western United States, both naturally and via human intervention, including what this means for our future. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Not offered 2020-21).

*Prerequisite:* High school algebra and trigonometry.

1 to 2 units

**NS221** Dynamic Web Design

(Summer only 2020-21).

1 unit

**NS527** Integral Outdoor Environmental Education

(Summer only 2020-21).

*Prerequisite:* Open to all MAT's.

1 unit

## Studies in the Humanities

### Courses

#### Studies in Humanities

**HS101** Aikido

A Japanese martial art based on principles of resolving any form of conflict nonviolently. Physical movements are related to ethical considerations as a student learns to react without harming a partner or being harmed in turn. Maximum of 1/2 unit may be counted towards graduation. (Not offered 2020-21).

.25 unit

**HS112** Visual Culture - Theory & Practice

Visual Culture explores the connections between fine art and a wide variety of contemporary images. Course assignments combine visual analysis, readings, and

discussion with creative projects. Students will examine different media to explore the following topics: illusion and reality, the ideal, image and text, gender, architecture and public spaces. This course was formerly listed as AS 110 Topics in Studio Art: Visual Culture. (Not offered 2020-21).

1 unit

**HS113** Beginning Book Arts

(Summer only 2020-21).

*Prerequisite:* \$65 Lab Fee.

1 unit

**HS115** Introduction to Film

Film in its formal dimensions, narrative and non-narrative (documentary, experimental). How meaning and pleasure are created visually. Emphasis on film style: the shot, mise-en-scene, cinematography, editing (montage) and sound. (Not offered 2020-21).

1 unit

**HS118** Gender & Communications

This course investigates the differences and similarities between male and female communication in contemporary American society within the framework of communication and feminist theory from a number of contexts, including interpersonal communication in family contexts and the work environment, public communication about gender in the media, and interpersonal and mediated communication in the education system. (Not offered 2020-21).

1 unit

**HS120** Renaissance Culture

Study of the emergence of modern culture through an interdisciplinary course taught by six faculty members. Discussion of the classical and Christian origins of the Renaissance and of the new science and philosophy which set the groundwork for the modern outlook. Disciplines represented are art, history, literature, music, politics and religion. Students may receive separate grades for each block of this course, but must be enrolled in all the blocks in order to receive credit. (Not offered 2020-21).

*Prerequisite:* First Year Experience Course. Must take both blocks for credit.

1 unit

**HS142** Interpretation of Mythology and Fairy Tales

(Summer only 2020-21).

1 unit

**HS180** Revolution in the Arts

Multidisciplinary study of change in the arts of western civilization through the examination of selected eras of major aesthetic transformation. The course will focus on four media selected from dance, drama, film, literature, music and the visual arts. The study of artistic genres, styles and forms in specific historical contexts will focus on the adaptability of human sensibilities to new aesthetic ideas in the context of accepted artistic traditions. (Not offered 2020-21).

2 units

**HS202** Topics in Literature:

Block 1 Rilke. Block 2 Mythology & Media. (Not offered 2020-21).

1 unit

**HS208** Music and Multicultural Literature

(Summer only 2020-21).

1 unit

**HS215** Film History and Theory NOW FS 315

Film in its material, historical and theoretical dimensions, from its beginnings to the present. Growth of the film industry; the American studio system; European avant-garde cinema; world cinema; auteurism; film and popular culture; problems of genre. Film theory: the nature of the medium; its major theorists - Griffith, Eisenstein, Arnheim, Bazin, Kracauer, Metz, Mulvey, etc. (Not offered 2020-21).

1 to 3 units

**HS217** Creating the Self

An exploration of Heinz Kohut's psychoanalytic theory of how selves are developed, how they can be injured and fall into pathologies, and how this theory of the self can be used in the interpretation of culture, especially philosophy, music, and literature. (Not offered 2020-21).

.5 unit

**HS218** Psyche and Symbol: The World of C

Psyche, Symbol, Dream: C.G. Jung and Archetypal Psychology. An introduction to the depth psychology of C.G. Jung, including his notions of the structure of the personal and collective unconscious, the function of archetypes and dreams in development and healing, and the transcendent function as it relates to the individuation process. Contemporary advances in Jungian work in such areas as ecopsychology, soul psychology and Jungian feminist thought will also be considered.

1 unit — LaPrade

**HS220** The Art, Culture and Civilizations of Sothern Spain

(Summer only 2020-21).

1 unit

**HS223** The Psyche & The Self

(Summer only 2020-21).

*Prerequisite:* 1.00H.

1 unit

**HS224** The Art of Peru (in Peru)

(Summer only 2020-21).

*Prerequisite:* (Interview Required).

1 unit

**HS230** Discovering the Unconscious

Major psychoanalytic perspectives of the late 19th and 20th centuries on the concept of the unconscious in theory, case studies, and fiction. Emphasis on unconscious processes as they relate to the formation of identity. Readings from such authors as Freud, Jung, Klein, Winnicott, Kohut, and Yalom. (Not offered 2020-21).

1 unit

**HS231** Art Hist and Photography in Ecuador

(Summer only 2020-21).

*Prerequisite:* \$3,000 not including airfare. Physically fit & can swim.

1 unit

**HS233** Songwriting

(Summer only 2020-21).

.5 unit

**HS235** Sex and Politics in Contemporary Italian Culture

(Summer only 2020-21).

1 unit

**HS245** Art History and Photography in Argentina

(Summer only 2020-21).

1 unit

**HS265** Paris-Florence: Myth and Memory of the European Cultural Cente

(Summer only 2020-21).

*Prerequisite:* consent of instructor.

1 unit

**HS282** Music & the Mind

(Summer only 2020-21).

1 unit

**HS310** The Writing Institute: Understand/Use/Enjoy Language

(Summer only 2020-21).

1 to 3 units

**HS370** Independent Study: Advanced Topics in Psychoanalysis

An exploration of one or two major theorists of the unconscious in relation to philosophy, psychology, literature and/or the arts.

1 unit — Dobson

**HS500** Theater: Past & Present

(Summer only 2020-21).

1 unit

**HS501** Special Studio Problems: Drawing and Painting

1 unit

**HS502** Special Studio Problems: Photography and Filmmaking

1 unit

**HS503** Literature of the River

(Summer only 2020-21).

1 unit

**HS505** Fight the Power

(Summer only 2020-21).

1 unit

**HS506** Spanish Cultural Context, Oral Expression and Critical Analysis

(Summer only 2020-21).

*Prerequisite:* consent of instructor.

2 units

**HS507** Topics in Ethnomusicology:

(Summer only 2020-21).

1 unit

**HS508** Topics in Literature:

(Summer only 2020-21).

1 unit

**HS509** Industrial America

(Summer only 2020-21).

1 unit

**HS510** American Architecture

(Summer only 2020-21).

1 unit

**HS511** Advanced Latin - Ovid

(Summer only 2020-21).

1 unit

**HS512** Studies in Cinema I & II:

(Summer only 2020-21).

.25 to .5 units

**HS515** Classical Mythology in Art and Literature

(Summer only 2020-21).

*Prerequisite:* Experienced Teachers.

1 unit

**HS516** The Trickster in Folklore and Literature

1 unit

**HS518** Colloquium:

(Summer only 2020-21).



*Prerequisite:* Experienced Teachers.

.25 to .5 units

**HS519** History of Photography

(Summer only 2020-21).

1 unit

**HS520** MAT:

(Summer only 2020-21).

.25 to 1 unit

**HS521** Photography

(Summer only 2020-21).

1 unit

**HS522** Cinema I

(Summer only 2020-21).

.25 unit

**HS523** Colloquium: Empire and Power Readings in Latin

(Summer only 2020-21).

.5 unit

**HS525** Colloquium: Juvenal

(Summer only 2020-21).

.25 unit

**HS526** Empire and Power: Individual and Family in Ancient Rome

(Summer only 2020-21).

1 unit

**HS528** Summer Dance Intensive

(Summer only 2020-21).

1 unit

**HS530** Japanese Culture

(Summer only 2020-21).

1 unit

**HS531** Teaching Latin Methods

(Summer only 2020-21).

.25 to .5 units

**HS532** A Wandering Nest: Travel

(Summer only 2020-21).

1 unit

**HS533** Roman Epicureanism in the Late Republic

(Summer only 2020-21).

1 unit

**HS535** Dante & Michelangelo

(Summer only 2020-21).

1 unit

**HS536** Colloquium: Medieval Latin

(Summer only 2020-21).

.25 unit

**HS540** Independent Humanities Institute

1 unit

**HS541** Arts & Humanities Institute

(Summer only 2020-21).

*Prerequisite:* Graduates Only.

1 to 2 units

**HS580** Hamlet & his Legacies

(Summer only 2020-21).

*Prerequisite:* Experienced Teachers.

1 unit

# Thematic Minors

## African Studies

*Applicable for the 2020-2021 academic year.*  
Advisor; WADE

### Minor Requirements

The African studies minor is a five-unit, interdisciplinary approach to the study of Africa that must include at least one unit in Africa and a designated Integrative Experience Project.

Students must take at least one, but may earn no more than four, units in a study abroad program such as the ACM Botswana or Tanzania programs, in CC summer courses in Senegal or other African countries, or in any other approved study abroad program in Africa (see the [International Program's website](#) for a list of approved programs).

The remaining units are to be completed by taking on-campus Africa-related courses; therefore, at least one unit in the minor must be taken on-campus. Since the availability of these courses varies from year to year, students should consult with the African studies advisor about which courses can be applied to the minor.

### The Integrative Experience:

The integrative experience project may be completed in several ways, but in all cases in consultation with and by approval of the African studies advisor. This project may be done as a final project during a four-unit study abroad program; this project may be a final paper submitted for an on-campus fifth unit Africa-related course; other options are possible, but only with the approval of the African studies advisor.

## African-American Studies

*Applicable for the 2020-2021 academic year.*  
Advisor; GARCIA

### Minor Requirements

This minor invites students to focus on aspects of African American history, politics, and culture. The minor culminates in an interdisciplinary capstone project or paper.

Students must take a total of six units including at least one course from each of the following four categories, at least two courses beyond the 200-level course, and the capstone project. Since the availability of these courses may vary from year to year, students should consult with the minor advisor about which courses may be applied to the minor. Race, ethnicity, and migration studies topics courses (ES 200), when relevant, may be used to fulfill the minor requirement.

CATEGORY ONE: **History.** HY243, HY244, HY247.

CATEGORY TWO: **Economics and Politics.** EC338, ES113, ES212, ES300, ES 200 when appropriate, PS210, PS323, PS470.

CATEGORY THREE: **Literature.** EN263, EN274, EN 370, EN384, EN385, EN387, ES 200 when appropriate.

CATEGORY FOUR: **Religion and the Arts.** ES 200 when appropriate, FS220, MU205, RE227.

## The Integrative Experience

An interdisciplinary capstone project or paper that may be taken as an independent study or adjunct totaling one unit.

## Arabic and Islamic Studies

*Applicable for the 2020-2021 academic year.*

**Arabic and Islamic Studies Website (<https://www.coloradocollege.edu/academics/dept/arabic-islamic/>)**

Advisors: Naji and Wright Affiliated Faculty: Fenner, German, Guessous, Murphy

## Minor Requirements

This minor combines the study of the Arabic language with courses on the history, religion, politics, and culture of the Arab and Muslim worlds, including the Middle East and North Africa.

Requirements:

- \*Two units of Arabic language study at the elementary level.
- \*Four additional units from among those listed below, including courses from at least two fields or departments. Other courses may be accepted with consent of advisor.
- \*The integrative-experience paper (5-7 pages) that discusses what the student has learnt from completing this minor.

Arabic: AR 201 Intermediate Arabic I; AR 202 Intermediate Arabic II; AR 320 Topics in Arabic Culture and Literature (taught in English). Courses in Arabic taken abroad may also satisfy the requirements for this minor. Make sure to discuss this option with one of the minor advisors in advance.

Art History: AH 120 Islamic Art

History: HY 200 Search for Islamic Order (FYE); HY261 Formation of Islamic Societies; HY262 The Modern Middle East: Freedoms & Authorities; HY200 Islamic Cities; HY200 History of Arab-Zionist Relations.

Political Science: PS 313 Comparative Politics of the Middle East and North Africa(MENA) ; PS 314 International Politics of the MENA; PS203 The Search for Islamic Order (FYE)

Religion: RE 140 Islam; RE 243 Islam in the Americas; RE 345 Dervish Diaries; RE 346 Qur'an

Feminist and Gender Studies: FG218 The Discourse of the Veil; FG222 Gender and Sexuality in the Modern Middle East and its Diasporas; FG320 Middle Eastern and Islamic Feminist Studies

## Asian Studies

*Applicable for the 2020-2021 academic year.*

**Asian Studies Website** (<https://www.coloradocollege.edu/academics/dept/asianstudies/>)

Advisor; BENTLEY

The Asian Studies Program is interdisciplinary and cross-cultural, integrating knowledge and practice. Students will have the broadest possible perspectives on Asian issues, but must also be grounded in a particular discipline and its analytic methods. Cultural understanding will be rooted in language immersion and experiential encounters, both at the college and through the extensive array of programs for study in Asia. Students will focus on a language and culture of their interest and demonstrate competency and sophistication in integrating their knowledge of that area. Students will connect scholastic study with kinesthetic knowledge to integrate discipline-based perspectives with the performing arts and practices of Asian cultural traditions, such as calligraphy, gamelan, meditation, tai-chi, and yoga.

### Minor Requirements

The development and life of Asian cultures from the perspectives of history, humanities, and the social sciences, with emphasis on China, Japan, Korea, or South Asia. 6 units minimum.

Students pursuing a minor in Asian studies must successfully complete a minimum of six blocks of Asian studies and related courses. These courses include two units of beginning language study (Chinese, Japanese, or other Asian languages which are taught through officially affiliated study-abroad programs) and PA290 Studying Asia (as the integrative experience). In addition, students must select three additional courses from the courses listed under the Asian Studies Program. One of these three courses may be an Asian language course at the 200-level or a 300-level course. Students are expected to choose their courses with a consideration for coherence and relation to the Asian language they studied.

## Concepts of Human Nature

*Applicable for the 2020-2021 academic year.*

Advisor; RIKER

### Minor Requirements

An examination of the question, "How are we to explain human activity?" by bringing into a common forum the leading theories of human nature. 5 units minimum.

Students must choose at least one unit from each of the following categories and have courses from at least two departments.

Category One: Social Creation of Human Nature. AN102, PY100, PY109, SO109, SO228, PH307.

Category Two: Courses that consider biological or psychological structures and/or forces as necessary elements in the explanation of human activity: AN101, AN201, BY100 (Sociobiology), BY351, PY120, PY374, PY394.

Category Three: Courses that examine metaphysical or conceptual issues concerning human nature: PH218, PH100, PH116, PH210, PH307, CL220, GS101. Departments often change courses and many courses can substitute for those listed here. Students may consult with the advisor to determine whether a course can satisfy one of the requirements.

## The Integrative Experience

Either an independent study for the fifth course or a paper in the final course that meets the approval of both the professor in the course and the minor advisor, or an independent, no-credit project arranged with the minor advisor.

*Note: Students are urged to take literature courses in which the workings of human nature are revealed in specific character and situations.*

## Contemporary French Studies

*Applicable for the 2020-2021 academic year.*

Advisor: I. WADE

## Minor Requirements

An overview of modern France through the study of language, literature, philosophy, history, politics, and the arts. 6 units minimum + the Integrative Experience.

Students may fulfill this minor in the following manner:

CATEGORY ONE: FR 201 or equivalent proficiency.

CATEGORY TWO: Students who take FR201 must take FR305, and those not obliged to take FR201 must choose two units from the following: FR304, FR305, FR306, FR308, FR310, FR316, FR317, FR319, FR321, FR324, FR329, FR409

CATEGORY THREE: All students must choose two units from the following: HY280, HY288, HY344, AH243, AH342, PS301.

## The Integrative Experience

A paper that integrates many aspects of the subject. To be done under the supervision of the advisor in connection with the last course taken in the minor. The paper must be written in the French language.

## Environmental Issues

*Applicable for the 2020-2021 academic year:*

Advisors: Professors HOURDEQUIN (on sabbatical 2019-20), KOHOUT, LEE,  
MCKENDRY

### Minor Requirements

This minor is intended to provide a foundation for understanding the interdisciplinary nature of environmental problems and opportunities. For exceptions to the list below, a formal written proposal of the alternative(s) desired should be given to the minor advisors before taking the course(s), especially if the course is not a Colorado College course. Note also: No more than ONE course from your major department may be used to fulfill requirements in the minor. The environmental issues minor is comprised of six courses: an introductory course, four core courses, and a capstone course.

#### Introductory Course (1 unit):

EV128 - Introduction to Global Climate Change

#### Core Courses (4 units):

Students must take one course in each of the following areas, plus a second course in one area.

One of the four courses must be at the 300- or 400- level. Selected environmentally related topics courses in science, social science, and humanities may count toward these requirements with prior approval of the student's environmental issues minor advisor.

#### Area One: Environmental Science

Any EV science course can count toward this requirement. Recommended courses include:

EV135 - Meteorology

EV155 - Introductory Earth Systems Science

EV209 - Ecology and the Environment

EV211 - Human Impacts on Biogeochemical Cycles

EV212 - Energy: Environmental Thermodynamics and Energetics

EV228 - Analysis of Environmental Data

EV311 - Water: Hydrology, Aquatic Chemistry, and Ecology

EV422 - Biogeochemistry and Ecosystem Ecology

EV431 - Air: Atmospheric Physics and Chemistry

#### Area Two: Environmental Social Science

Any EV social science course can count toward this requirement, as well as a number of courses

in other departments. Recommended courses include:

EV141 - Sustainable Development

EV271 - Environmental Policy

EV277 - Ecofeminism

EV341 - Ecological Economics and Sustainability

EV374 - Environmental Law and Policy for the Global Commons

ED385 - Environmental Education

PS272/EV272 - Cities, Sustainability, and Environmental Justice

PS321/EV373 - Public Policymaking

PS334/EV334 - United States Environmental Movement

PS356 - Global Environmental Policy

PS358 - Environment, Health, and Security

SO130/EV161 - Environmental Sociology

SW220 - Environmental Justice in the Southwest

SW230 - Native Americans Under Federal Law

SW272 - Nature, Region, and Society of the Southwest

SW301 - Political Ecology of the Southwest

### **Area Three: Environmental Humanities**

The following courses count toward this requirement:

EV221 - Environmental Inquiry

EV281 - Environmental Ethics

EV261 - Topics in Environmental Humanities

EN280 - Literature and the Environmental Imagination

HY212/EV273 - American Environmental History

HY255/EV255 - Nature and Society

TH240 - Environmental Design for Performance and Community Engagement

### **Capstone Course (1 unit)**

EV321 - Environmental Management



# Global Health

*Applicable for the 2020-2021 academic year:*  
Advisors; ROBERTS

This minor would encompass interests of students from a wide range of departments: Biology, Political Science, Economics, Sociology, and Anthropology. The interdisciplinary nature of this minor would benefit students, faculty, and graduates alike as our perspective on health gains growing salience across the world.

## Minor Requirements

### Six credits in total required

The courses listed for each category are not to be considered exhaustive. Students interested in the Global Health Minor are encouraged to contact the director of the minor early in their process and as new course offerings are published on Banner each year in the spring.

#### Category A: Core Courses in Global Public Health (at least 2 credits)

- AN235/SO290 Global Health: Biosocial Perspectives
- PS366 Politics of Global Health
- SO246 Sociology of Health and Medicine
- SO290 Advanced Topics: Global Women's Health
- SO290 Advanced Topics: Global Mental Health Policy
- Other course(s) as appropriate

#### Category B: Courses in Global Inequality and Power (at least 1 credit)

- EC275/PS375 Introduction to International Political Economy
- SO113 Global Inequality
- SO247 Development and Social Change in the Global South
- SO290 Advanced Topics: Gender and Development
- PS253 Introduction to International Development
- Other course(s) as appropriate

#### Category C: Natural Science Perspectives (at least 1 credit)

- BE107 Biology of Microbes
- BE341 Parasitology (.5 credit)
- HK125 Introduction to Human Nutrition
- MA256 Mathematical Models in Biology
- MB131 Introduction to Molecular and Cellular Biology
- MB103 Epidemic & Infectious Disease (.5 units)
- MB130 Viruses: The Biology and Mathematical Modeling of Epidemics (2 units)
- MB301 Immunology
- MB325 Molecular and Cellular Immunology
- MB410 Molecular and Cellular Virology
- Other course(s) as appropriate

Students who study abroad in designated semester programs that have a focus on public health may contribute up to 2 credits toward the minor, pending approval by the minor advisor.

### **The Integrative Experience**

Students must have completed at least four credits in the minor to undertake the integrative experience. The integrative experience may take several forms, including the following. Each option would be one credit within the minor.

1. It may be an approved thesis or tutorial paper within their major.
2. The student may take one of several integrative courses in the minor, with the stipulation that they be a declared minor at the time and consult with the director of the Global Health Minor. This would entail a significant piece of work for that course, such as a major 25+ page research paper.
3. In lieu of the prior options, the student may complete an approved global health internship that is the equivalent of a full-time internship of at least four weeks in length, and one that results in a final paper. Specific internship and paper requirements to be determined by faculty directors.
4. If options one through three do not apply, the student can apply to complete an independent study with a faculty member during senior year.

In addition to the above requirements, it is strongly recommended that students pursue at least one block in statistics (either MA117 Probability and Statistics or a statistics course within their major) and/or blocks that include Geographic Information System training (e.g., SO246 or EV127 Introduction to Geographic Information Systems).

## **Indigenous Studies**

*Applicable for the 2020-2021 academic year.*  
LEZA, PULLEY, MCKAY

The Indigenous Studies Thematic Minor (ISTM) situates Indigenous knowledge and experience at the center of learning. Contemporary models of studying Indigenous culture, history, and sciences can draw upon and enhance awareness of Indigenous traditions, knowledge, and arts, while also centering Indigenous narratives, histories, and experiences. In doing so, Indigenous studies can disrupt western mythologies of wilderness, discovery, and benevolent settlers, etc. in order to address social constraints Native peoples face as contemporary beings with distinct cultures. This minor currently focuses on the Indigenous peoples of the Americas with an emphasis on North America.

### **Minor Requirements**

Five courses along with either (1) a capstone project or (2) a capstone course. Collaboration with an Indigenous Studies advisor is essential to completing the minor and in order to best situate courses and a capstone towards a unifying idea, methodology, or purpose.

Required Core Courses (3):

- Introduction to Indigenous Studies
- A course with an historical focus, linking historical events or narratives to the contemporary

issues and contributions of Native Peoples (H)

- A course that addresses Indigenous epistemologies (IE)

Required Elective Courses (2):

Additional courses focusing on Indigenous peoples, history, sciences, arts, etc. to add depth and, as much as possible, a variety of different directions to situate one's major within indigenous learning.

An Indigenous Studies Minor Project or additional Capstone Course:

The capstone reflects and connects the student's course design and related work outside the classroom and allows the student to put into motion their contribution to the field of study and support for Indigenous communities and awareness. Upon completing required courses and with approval from the ISTM advisors, the student would engage in either (1) a capstone project of their own making or in conjunction with campus or community-based indigenous events/projects or (2) complete a final capstone class when available. The capstone project should seek to support and enhance community awareness and ensure Indigenous presence and resilience. The capstone project need not be time-intensive or exhaustive, but should be deliberate, service-oriented, and in the scope of Indigenous community-based learning. The capstone course must also engage in indigeneity beyond an introductory level and/or historical and methodological focus. The capstone course, then, will also engage with community; the presence of Indigenous bodies, culture, and knowledges on campus, locally, or upon location; and/or, ensure discussion or study beyond the classroom and towards Indigenous awareness and allyship.

## Italian Studies

*Applicable for the 2020-2021 academic year.*

Advisor: O'RILEY

### Minor Requirements

Studies that combine Italian language and literature with history, art, and music. Emphasis can be placed on the Renaissance or on contemporary Italy. Students taking the ACM program in Florence may count four courses in the program toward this minor. The fifth course, in which they write their integrative paper, may be chosen from any of the categories listed below, or may be taken as an independent study, with the approval of the minor advisor and faculty involved. (ACM deadlines: Early admission — October 15; final deadline — March 15.) Five units minimum.

#### Category One

Students must choose at least two units from the following: IT305, IT306, IT307, IT309, IT315, IT316, IT320.

#### Category Two

Students must choose at least two units from the following: HY280, HY344, AH211, AH221, AH223, MU207, MU315.

#### Category Three

GS221. The integrative paper will be written while fulfilling the on-campus unit requirement. Recommended as the culminating experience is GS221. Otherwise the Integrative Experience is an oral exam, involving two faculty members from different departments, to be given in connection with the last course taken for the minor. Students will relate that course to other work they have done in the minor.

## Journalism

*Applicable for the 2020-2021 academic year.*

**Journalism Website** (<https://www.coloradocollege.edu/other/journalism-institute/>)

Associate Professor STEVEN HAYWARD Visiting Year-Long Professor COREY HUTCHINS

## Minor Requirements

Investigation of the connections across disciplines that result in self-critical, intellectually responsible journalism. Five units minimum.

Students must take GS 216 and GS 314 and select three courses from Category Two.

### Category One

GS 216: Introduction to Journalism.

### Category Two

This component addresses critical questions of journalism in relation to ethical and social issues. Three courses from the following:

GS 233: Topics in Journalism (1 unit, but you may count more than one unit when different topics are offered.)

GS 233 Politics, Ethics, and Journalism.

EN 286 Topics in Creative Writing.

FS 218 Documentary Form and Filmmaking.

### Category Three

GS314 or equivalent: Independent Study in Journalism (1 unit). This has two components: a practicum in journalism and integrated project designed to function as a capstone for the student's work in the minor. The student is responsible for arranging the internship in consultation with the advisor. The student's work in the practicum will be evaluated by the capstone advisor. The final written project should be designed by the student in consultation with the minor advisor and course instructor(s).

## Latin American Studies

*Applicable for the 2020-2021 academic year:*  
ADLER, WOOD, GUERRA, MARINESCU

## Minor Requirements

An interdisciplinary approach to the study of Latin American civilization. This minor consists of five units, four in Latin American studies and a language requirement consisting of one unit that can be fulfilled in a number of ways. Students are encouraged to contact the faculty advisers regarding updates to the course listings

### Category 1:

#### GROUP A Mexico and Andean South America

AN208: Topics in Anthropology (when appropriate)  
 AN237: Blacks in the Caribbean and Latin America  
 AN238: Gendering Latin America  
 AN308: Advanced Topics in Anthropology (when appropriate)  
 HY224: Survey in Latin American w/ Blasenheim  
 HY 237: History of Brazil, 1500-present  
 HY238: Colonial Hispano-America  
 HY239: History of Mexico  
 HY 410: Senior Seminar  
 PH283: Latin-American Philosophy  
 HY/PS330: Colloquium (when appropriate)  
 PS335: Comparative Politics of Latin America  
 PS336: The Cuban Revolution w/ Lindau  
 SO237: Latino Immigration and Social Change (when appropriate) w/ Popkin  
 SO290: Development and Social Change in the Global South w/ Popkin

#### GROUP B Southern Cone

AN208: Topics in Anthropology (when appropriate)  
 AN308: Advanced Topics in Anthropology (when appropriate)  
 HY209: Topics in Ancient History (when appropriate) w/ Buxton  
 HY224: Survey in Latin American w/ Blasenheim  
 HY236: Argentina, Chile, and Uruguay since Independence w/ Blasenheim  
 HY 237: History of Brazil, 1500-present  
 HY238: Colonial Hispano-America  
 HY 410: Senior Seminar  
 PH283: Latin-American Philosophy  
 HY/PS330: Colloquium (when appropriate)  
 SO237: Latino Immigration and Social Change (when appropriate) w/ Popkin  
 SO290: Development and Social Change in the Global South w/ Popkin

### Category 2:

#### Language Requirement

Latin American Language (one unit). This minor requires upper-level Spanish or Portuguese. This would entail one 300-level course offered by the CC Spanish department in either Spanish or Portuguese; for an advanced Spanish or Portuguese course taken elsewhere, this would entail a minimum of one transfer credit, accepted by Colorado College.

## Linguistics

*Applicable for the 2020-2021 academic year.*  
Advisor; C. LEZA

### Minor Requirements

The scientific study of language, encompassing structure, meaning, and use in contemporary societies as well as historical and evolutionary perspectives on human language. Students develop a basic understanding of the social and cognitive dimensions of language and the analytic tools of modern linguistics. Such a foundation has relevance for a wide range of studies, including cognition, artificial intelligence, comparative literature, language teaching, race and ethnic studies, and international studies. 5 units.

#### Category One

Students must take AN105 or AN258 or PH229.

#### Category Two

Students must choose any one of the following: AN105 (if not taken for Category One), AN256, AN258 (if not taken for Category One), AN260, AN262, AN311, AN312, AN208 or AN308 (only if the topic is related to language).

#### Category Three

The remaining required courses may be selected from Category Two or from among the following group of courses that explore related areas: any modern foreign language at the 200 level or higher, CL101 or CL111, CO390, CP365, ED200, EN302, MU214, PC129, PH226, PH229 (if not taken for Category One), PY297, PY298, PY344, PY374, PY412, PY439 and PY408 (if topic related to language). A student wishing to undertake a project in an area not treated by existing courses may, with the consent of the faculty members involved in the minor, select GS320 or AN400 as a minor course.

### The Integrative Experience

A paper or research project, expanding on coursework or undertaken independently, with the consent of the instructor, the student, and the minor advisor.

## Medieval Studies

*Applicable for the 2020-2021 academic year.*  
Advisor; NEEL

## Minor Requirements

The social, intellectual, and artistic development of medieval Europe. Emphasis on the interaction of cultural elements in Latin Christendom. Comparative study of earlier and later Western as well as contemporary Byzantine and Islamic experiences. Five units minimum.

Students must choose at least five units from among the following courses: AH200 (when appropriate), AH208, AH210, AH211, AH220, AS226, DR202, EN310, EN311, FR413, GR315, HY249, HY274, HY312, HY376, RE130, RE321 (when topic is appropriate).

## The Integrative Experience

A paper that integrates several aspects of Middle Ages, taken in one of the concluding courses of the minor and arranged among the student, the instructor, and the minor advisor.

## Mediterranean Studies

*Applicable for the 2020-2021 academic year.*

Advisers J. LEE, THAKUR

## Minor Requirements

This language-based minor allows students to choose from an array of courses in different departments and fields in order to fulfill its requirements.

There are two basic options:

Option A: Two units in the study of the Mediterranean world, three units of foreign language study (in a single language), and a capstone course. (6 units minimum.)

Option B: Three units from the Mediterranean Semester applied toward the minor, two additional foreign language units, and a capstone course. (6 units minimum.)

In both options, at least two units must be at the 300-level. Languages include French, Italian, Arabic, Spanish, Hebrew, Greek, and Latin.

Mediterranean Studies Courses include:

Topics courses where appropriate

First-Year Experience courses which address the Mediterranean

Upper-level courses in the Classics, Spanish, French and Italian Departments.

Art: AH 207-Greece and Rome; AH 208-Byzantine Art; AH 209-Late Antiquity;

AH 210- Islamic Art; AH 221-Art of the Renaissance

Classics: CL 125-Ancient Multicultures; CL 216/HY 216 Roman History I; CL

226/HY 227-Roman History II; CL 250-Athenian Democracy

English: EN 223-The Bible as Literature

History: HY 131-Civilization in the Middle East; HY262 Islamic Empires and their Discontents; HY 275-The Renaissance and the Reformation; HY 344-Modern France and Italy

Philosophy: PH 101-Greek Philosophy; PH 244-History of Social and Political Philosophy-Classical Visions

Political Science: PS 234-Freedom and Empire; PS 313-The Middle East and North Africa; PS 314-International Politics of the Middle East and North Africa

Religion: RE 140-Islam, RE 120-Judaism, RE 130-Christianity

Students should check with the advisors of the minor for other courses which qualify for inclusion in the minor.

## Modern Greece and Its Background

*Applicable for the 2020-2021 academic year.*

Advisor: THAKUR; MASON

### Minor Requirements

Modern Greek culture, language, and society with its Byzantine and classical background, studied through a program of instruction in Greece (for example: Colorado College Mediterranean Semester in Greece, College Year in Athens, Arcadia University Study in Greece). 5 units minimum.

Students study the modern Greek language at whatever level is appropriate (usually beginning), and three further courses chosen from the program catalog.

### The Integrative Experience

Students will complete, in one of the courses or in an independent field experience, a special project, reported on in writing to the advisor at Colorado College.

## Museum Studies

*Applicable for the 2020-2021 academic year.*

Advisor: TUCKER

### Minor Requirements

The museum studies minor brings together intellectual perspectives, academic approaches, and research practices to offer students a lens through which they may investigate material culture and how cultural products are understood and displayed in the context of museums. 5 units, minimum.

- I. Required: GS247 AND choose one course from each category.
  - a. Cultural Contexts. AH112; AH113; Other 200-level art history courses with advisors'



- approval; AN102; AN204; AN207; AN211; EN251; SO105; SW273
  - b. Visual Literacy. PH247; AS103; AS114; FS215; AS226; CS220
  - c. Materials and Production. AN103; AN243; AN320; CH107 or CH108 OR CH100  
Topics: Art Conservation Chemistry; NS109; PC136
- II. One ADDITIONAL elective course from one of the three core categories (Cultural Histories, Visual Literacy, or Materials and Production) OR one course from the following additional categories:
- a. Education. ED250; ED320
  - b. Administration. EC110; EC331:
  - c. Design. AS212; DR110: Fundamentals of Technical Theatre
- III. Students must also complete an Integrative Experience:
- A project completed in the context of an advisor-approved museum internship;
  - A 300- or 400-level independent study with a concluding research project, paper, or exhibition approved by the minor advisors;
  - Completion of a sixth, advanced course from areas II or III with an internal project that addresses an issue related to museum studies. This course and project must be approved by minor advisors and the course instructor.

## Non-Violence

*Applicable for the 2020-2021 academic year.*  
Advisors: GOULD, WRIGHT

## Minor Requirements

Students examine the role of violence and non-violence in human interactions with each other and/or with the natural world. Courses and opportunities for involvement in issues related to this theme are constantly changing at Colorado College. Students choosing to minor are responsible for developing an individualized, integrated minor from the wide range of study and engagement opportunities available. Five units minimum.

A successful non-violence minor proposal will include:

1. Advisor approval, usually prior to the senior year, for the student's personalized curriculum design.
2. A course in the foundations of non-violence (usually GS210).
3. One course related to understanding ethics (including, but not limited to PH140; PH246; RE202, RE215).
4. Three additional courses relating to the issue of non-violence in the broad categories of human-to-human interactions and those which relate to the issue in human-to-natural world interactions, including at least one course from each. Acceptable courses in the category of human-to-human interactions include but are not limited to: GS221; HY244, HY250, HY286, HY344; PS210, PS323, PS351; ES185, ES212; SO107, SO112, SO113, SO116, SO243. Acceptable courses in the category examining human interaction with the natural world include but are not limited to: BY100 if ecology, BY208; CH210; EV121, EV155; FG215, FG216; GY150; HY212, HY252, HY255.
5. The Integrative Experience: A researched paper or artistic product relating to the theme of non-violence, generally to be produced during the senior year. Students fulfill this requirement either by securing advisor approval for an independent study (GS 320) or by

producing a substantial research paper or artistic product relating to the theme of non-violence as part of the last or next to last course in the minor. Students must secure advisor certification that the final paper or product is indeed related to the theme of non-violence in a meaningful way.

## North American Studies

*Applicable for the 2020-2021 academic year.*  
See Department

### Minor Requirements

#### Category One

**Language Studies, Culture, and Civilizations.** Students must choose one unit from the following courses: FR308, SP305, SP307, SP339.

#### Category Two

**The North American Experience.** Students must take at least two units (one having Canadian content, the other having Mexican content) from one of the following groups and one from the other. A. History and Politics: HY105 Civilization in the West: The Atlantic World (only one unit toward the minor), PS 103 (one unit toward the minor), HY/PS240, HY200 and HY203 if North America related, HY242, HY302, HY410; B. Culture and Literature: AH180, AN/MU290, AN204, AN308 (when topic is appropriate), HY305, SO223, SO237.

Note: Other courses, whether in the summer or the regular school year, may count toward the minor, provided they have Canadian or Mexican content. For example, any of these courses might be suitable: AN211, EN280, FR308, FR417, HY203. Consult the advisors for the minor for a final decision on this matter. Certain summer courses and area studies institutes will count for the minor as well as special courses such as EC401 The Mexican Economy.

### The Integrative Experience

GS 320 option will entail a final paper worked out in consultation with two faculty from two different divisions, and will concentrate on all three areas.

## Performance Design

*Applicable for the 2020-2021 academic year.*  
Advisors: DAVIS-GREEN, AMES

### Minor Requirements

The legibility of images, materials, objects, and space have re-tooled how performance is made. With more frequency, designers are creating work in installation projects and exhibitions that while performative, are no longer absolutely reliant on a script. This new approach necessitates not only an understanding of theatrical design principles, but it also requires the designer to be

visually literate, historically, critically, and theoretically aware of the cultural, social, and political meanings as well as aesthetics of their designed spaces and objects. To this end, the Performance Design thematic minor draws upon courses from art history, studio art, film, visual, and media studies, as well as the design courses within the Department of Theatre and Dance.

Advisors: Davis-Green, Ames - a minimum of 5.5 units

**CATEGORY #1: Foundations in Design and Art History:** 2-units of design courses:

- TH110 Fundamentals of Performance Design and one of the following:
- TH207 Lighting Design
- TH210 Intermediate Performance Design
- TH218 Costume Design

One unit in Art History:

- AH111 History of Architecture (W)
- AH112 Introduction to Art History (W)

(Note: courses are 2-block courses but only one unit counts toward the minor.)

**CATEGORY #2: Interdisciplinary Electives:** Select one from the following:

- TH240, TH340 Special Topics in Design
- TH350 Design Practicum
- FS205 Topics in Cinema
- FS212 Basis Filmmaking
- AS103, AS111, AS114 of AS116 Art Studio
- GS222 Games, Aesthetics and Culture

**CATEGORY #3: Practical applications:** .5 units in technical theatre. Select two from the following:

- TH101 Stagecraft practicum/Connected with production
- TH102 Stagecraft practicum/Connected with production
- TH212 Studio work in technical theatre and acting
- TH213 Studio work in technical theatre and acting
- TH214 Studio work in technical theatre and acting
- TH215 Studio work in technical theatre and acting

*Each class above is worth 0.25 units.*

## **The Integrative Experience**

One unit –Final creative project appended to a 300-level design course or as an independent study (TH325, TH340, or TH404)

## **Psychoanalysis: Theories of the Unconscious**

*Applicable for the 2020-2021 academic year:*

Advisor: Professor DOBSON; Secondary Advisors; Professors LEE, KRZYCH, RIKER

## Minor Requirements

Psychoanalysis is the theory of human mentality that acknowledges that all that we think and do is profoundly impacted by unconscious processes. The psychoanalysis minor explores theories of the unconscious from Freud to the present, seeking ways to engage the unconscious in conversations that can lead to the integration and potential transformation of the human psyche. It also provides a foundation for pursuing theoretical, literary, and/or clinical studies in the students' majors and can include courses in that major, although only one course can be counted for both the major and the minor.

The minor consists of 5 units and a final minor paper that may be completed in one of the courses upon the approval of the advisors and professors involved, or taken as an independent study for one unit: HS 370.

### Category One

One or Two of the Following Courses:

PY 120, PH 262, CO 200: Discovering the Unconscious (Dobson)

PH 325 Philosophy and Psychoanalysis (Riker)

### Category Two

Text Seminars. One or Two of the Following Courses:

PH 265 Freud (Lee, Riker)

PH 314: Text Seminar: Jacques Lacan (Lee)

HS 218 Psyche, Symbol, Dream: The World of C.G. Jung (Dobson)

### Category Three

(The elective courses below may follow the students' more particular leanings in the psychoanalytic field, and may contribute to their majors):

CL 220/CO 200/FG 220 Myth and Meaning (Dobson)

CL 255 Life of the Soul (Dobson)

PH 361 Philosophy of Emotions (Furtak)\*

FM 203 Media and Psychoanalysis (Kryzch)

PY 281 Personality (Roberts)

PY 362 Abnormal Psychology (Erdal)\*

PY 160 Women and Madness (Waters)

CO 200 Topics courses in Comparative Literature emphasizing literature and psychoanalysis (such as Journey to the Dark Side of the Soul, on German Romanticism at the end of the 19th Century, taught by Bill Davis, 2015.)

EN 386 James Joyce (Mason and Simons)\*

PH 203/CO 200: Contemporary Psychoanalysis (in Chicago). (Riker, Dobson)\*

**\*Capstone Course in Chicago -- This can be taken at any time, under any category, but students are highly encouraged to take it later in the minor, as a capstone.**

\* Indicates prerequisites

Other courses that are pertinent may be considered for this section of the minor.

**The Final Capstone paper will be from 15-20 pages long on any topic of the student's interest. This capstone may be completed in one of the already mentioned courses, or taken as an independent study, HS 370. (Students who come to Chicago often use the annotated bibliography on a topic of interest to them there as a foundation for this paper.)**

## Renaissance Studies

*Applicable for the 2020-2021 academic year.*

Advisor: EVITT

### Minor Requirements

The ideas, arts, letters, and institutions of Europe in the period between 1300 and 1700. Attention given to the continuities and differences between this period and its medieval predecessor. 5 units minimum.

Category One — The Renaissance Context: Students should choose no more than two units from this category: AH112; EN207; MU150; HS120; HY105; PS103; RE130.

Category Two — Studies in the Classical Background to Renaissance Thought: CL/HY/PH116; HY213, HY216; CL216 (for two unit courses, 1 unit counts toward the minor).

Category Three — Aspects of the Renaissance (at an advanced level): Students must choose a minimum of two units: AH221, AH223; DR202; EN311, EN312, EN313, EN320, EN321, EN326, EN328, EN329; HY252, HY275, HY377; MU315; SP327, SP328.

### The Integrative Experience

A paper written in one of the last two courses of the minor and arranged among the student, the instructor, and the minor advisor.

## Resource Systems in the American West

*Applicable for the 2020-2021 academic year.*  
Advisors; W. ROBERTS

## Minor Requirements

A comprehensive approach to understanding basic resource systems and their interaction among themselves and with human organizations in Western America, including: land, energy, natural resources, recreation, and environment. Attention is given to the economic and public policy dimensions of understanding, managing, and preserving resource systems. 5 units.

Note: More than ONE course from the major department(s) may be counted as fulfilling the requirements of a minor. However, additional courses can be taken and will count toward graduation, if desired. Students must take at least two but no more than three units from Category One. The additional courses can be concentrated in Category Two or Three or spread across both categories.

Category One: **Economics and Systems/Policy Approaches.** (2–3 units credit.) EC335 or EC341 or EC404 and PS321 or EV271 or SO130. Other applicable economics, policy courses, with approval of minor advisor.

Category Two: **Natural Sciences.** (Remaining units from Category Two and/or Three.) BY100, BY208, CH210, EV212, EV311, EV431, GY100, GY130, GY150, SW311. Other applicable natural science courses as offered, with approval of minor advisor.

Category Three: **Social Science/Humanistic Perspectives.** (Remaining units from Category Two and/or Three.) AN211, AN291, AN321, AN378, EV260, HY200, HY210, HY212, HY217, HY267, HY268, PH246, SO130, SO257, SO165, SW132, SW141, SW175, SW185, SW200, SW220, SW228, SW230, SW272, SW275, SW301, SW321. Other applicable social science and humanities courses as offered, with approval of minor advisor.

Category Four: **The Integrative Experience:** Students are required to have an integrative experience which can be part of one of the five courses (in agreement with the course professor) or in addition to these courses from among the following options: A major paper associated with one of the courses in Category One; Summer Session course incorporating a major paper; joint faculty/student research (academic year or summer); extended-format course.

## Revolutions

*Applicable for the 2020-2021 academic year.*  
SMITH, GOULD

## Minor Requirements

Revolutions are complex phenomena having social, economic, and cultural, as well as political, dimensions and consequences. This minor focuses on the last two centuries, which have been particularly marked by such challenges to tradition and the dominant institutions of society. In addition to examining particular revolutions from a number of different perspectives, it invites students to explore the theory and practice of revolution in general. 5 units minimum.

Students must take one or two units from each category.

Category One: PH243, PS308, PS310, SO243. One or two units.

Category Two: HY222, HY225, HY226, HY250, HY262, HY278, HY280, HY362, HY365, HY393; PS312, PS327, PS331. Two or three units.

Students may count other relevant courses in consultation with the advisor.

Students also complete an integrative project or paper either as an independent study course or in one of the courses in the minor.

## The Ancient World

*Applicable for the 2020-2021 academic year.*  
Advisor; CRAMER, THAKUR

### Minor Requirements

The ancient Near East and Mediterranean areas as the background of Western civilization. Emphasis on Greco-Roman and biblical forms of thought, organization, and artistic expression as perennial influences. (Not available to classics majors.) 5 units minimum.

Students may take up to two units of introductory work from the following: First-Year Experience courses taught in the Department of Classics (including the classical block of a regular GS 101 Freedom and Authority FYE taught in the department; both blocks of Freedom and Authority count when cross-listed as CL115 Introduction to Classical Literature and Archaeology), CL125/HY209, EN223, RE111, RE112, PS103 (one unit counts).

Students must take at least three units of work from the following: AH207/CL223, AH209, CL210/PH101, CL/HY216, CL219/TH220, CL220, CL221/HY302, CL222, CL226/HY227, CL250/HY213, CL322, or other courses approved by their advisor. Students must have a reading knowledge equivalent to the first two blocks' worth of Greek, Latin, or Hebrew.

### The Integrative Experience

Normally done in connection with a course from the list of non-introductory courses. A paper or project investigating some aspect of the ancient world intensely but in its wider cultural and historical context.

## The Arts: Theory and Practice

*Applicable for the 2020-2021 academic year.*  
Department

### Minor Requirements

This minor allows students to consider the philosophy of art and the theory of particular arts, studied in conjunction with actual experience in creation and performance. Students will explore the relationship between “criticizing” and “doing” — specifically how this relationship expresses itself in different art forms. Students distribute their five units among the categories below in the following manner: two courses, each from a different category, dealing with artistic theory, and two courses, each from a different category, involving artistic practice. At least one course in artistic theory and one course in artistic practice must be drawn from the same category.

Category One: **Visual Arts.** [Theory: AH112] [Practice: AS103, AS110, AS203, AS205, and AS214]

Category Two: **Theatre Arts.** [Theory: DR100] [Practice: DR105, DR108, DR201, DR205, DR206, DR305, DR306, DR307, DR308] [Theory: DA325] [Practice: DA221, DA321, and adjunct courses in dance when they add up to a full unit of credit]

Category Three: **Literature.** [Theory: EN201, EN250; FR306; CO100] [Practice: DR400, EN204, EN282, EN283]

Category Four: **Music.** [Theory: MU391, MU392, MU411] [Practice: MU325, MU399, and adjunct courses in applied music when they total a full unit of credit]

Category Five: **Film.** [Theory: FS205] [Practice: HS112]

Category Six: **Philosophy of Art.** [Theory: PH247]

## The Integrative Experience

Students should, in addition, complete an integrative experience project, in connection with the last or next to last course in the minor, which addresses the relationship between theory and practice in the arts, drawing upon at least two art forms, or some type of performance, exhibition, etc. which involves work in more than one art form.

## The Book

*Applicable for the 2020-2021 academic year.*

Advisor: C.NEEL, History

The minor in The Book explores the past, present, and future of the written word in its material form from the perspective of a variety of humanistic and social scientific disciplines.

## Minor Requirements

Students in the minor are required to complete four related courses in at least three disciplines among the following list OR from collateral topics courses or independent study units:

Art Studio and Art History—

- AS110 (Book Arts and Letterpress)
- AS201 (Printmaking)
- AS226 (Book and Book Structures)



- AH211 (Medieval Europe)

#### History—

- HY105 (Civilization in the West: Cultures of the Book) (2 units)
- HY200 (Topics, when topic is History and Future of the Book)
- HY274 (Making Europe: Medieval Culture and the Framing of European Identity)
- HY275 (Renaissance and Reformation)
- HY277 (Europe in an Age of Absolutism)

#### English—

- EN275 (Graphic Novel)
- EN282 (Beginning Poetry Writing)
- EN287 (Beginning Fiction Writing)

#### Film and Media Studies--

- FM202 (Philosophy of Technology in Film and Media Studies)

#### Classics/Religion—

- CL222/RE200 (Topics: The Bible: Myth and History)
- CL222/RE200 (Topics: Making and Faking Scriptures)

Minors in the Book are encouraged to complete major papers or projects in these courses in the field of book studies. Topics or independent study units may count toward the minor when they explore:

- the materiality of text
- the book as art object
- the history and social impact of script and printing
- book decoration
- the place of print among other media

## The Integrative Experience

A final required unit of independent study requires a capstone project reflecting on student's prior coursework, and may be completed under the direction of Aaron Cohick, (printer of The Press), Jessy Randall (curator of Special Collections), or any faculty member active in the minor.

## The Luso-Brazilian Studies

*Applicable for the 2020-2021 academic year.*  
Advisers: WOOD, HAUTZINGER

An interdisciplinary approach to the study of Luso-Brazilian cultures and civilizations. This concentration is open to the focused or comparative study of Brazil, Portugal, and Lusophone

Africa (including Angola, Cape Verde, Guinea-Bissau, Mozambique, São Tome, and Príncipe), East Timor, and may include historical studies of Goa. The minor concentration consists of five units: four interdisciplinary units in Luso-Brazilian studies, and one unit in Portuguese language that can be fulfilled in many ways.

## Minor Requirements

**INTERDISCIPLINARY COURSES: (4 units)**

Luso-Brazilian Studies in the Humanities, Social Sciences, and Natural Sciences. Students must choose a minimum of two units from among the course offerings listed below; students may fulfill two of the four required interdisciplinary units through courses taken abroad.

**Pre-approved, cross-listed courses:** AN 208 (when taught in Brazil), AN 237, AN 238; HY 221, HY 224, HY 340, PG 320; PG 316; PH 283; PS236, PS 335 and other relevant courses by petition.

### **LANGUAGE REQUIREMENT: (1 unit beyond PG 101 or equivalent)**

Students can fulfill the language requirement in two ways. First, students can take one unit of 300-level Portuguese either through a pre-approved international exchange program or through a CC summer study abroad course. Second, students can complete PG 200 (Half-Block), and PG 205 (extended-format), one unit total, on campus at CC.

**INTERNATIONAL PROGRAMS:** Students will be permitted a maximum of two non-language transfer credits from an approved international exchange program for credit towards the minor and up to three total if language requirement is completed abroad (eg. ACM in Juiz de Fora, Brazil, CIEE in Salvador da Bahia, Brazil). All students will be required to complete five units total towards the minor regardless of language ability upon entrance into the program.

## Thematic Minors

Thematic minors focus your education on significant themes examined from several disciplinary perspectives. They reflect the belief of Colorado College that, in addition to the more specialized major, you need to gain experience in comparing and connecting ideas and approaches across the disciplines. For this reason, thematic minors are designed to end with an integrative experience in which you bring together much of what you have learned in the minor. The integrative experience may consist of a paper, a creative project, a block of independent study, or a special seminar shared by all participants in the minor. To enable you to gain different disciplinary perspectives, no more than one unit in the minor may be a course in the department of your major, and it must be directly related to the theme or issue of the minor. You may also be creative and design your own thematic minor. Your proposal must meet the following criteria:

- Five or more units of courses in all, including courses in at least two departments other than the major, no more than one course in your major department and an integrative experience, planned in advance with an advisor. If the minor you propose includes study abroad, your minor must be approved before you leave. The proposal must be reviewed and approved by the Dean's Advisory Committee. Forms for proposing an independent minor are available in the Office of the Registrar.
- Successful completion of a thematic minor will be recorded on your official transcript. The minor is a valuable option and deserves your attention.

## Urban Studies

*Applicable for the 2020-2021 academic year:*  
Advisor: MCKENDRY

The urban studies minor is the study of issues affecting cities across the world. Students will examine both the history of urbanization as a radical transformation in societies and individuals' lives and contemporary challenges facing urban areas.

### Minor Requirements

The urban studies minor requires a minimum of 5 units. Students have two options for completing the minor.

Option 1: Students must complete at least one unit from each of the two categories offered below. For their other two units they may take additional courses from each category OR propose additional courses to count towards the minor, to be approved by the minor advisor. Students are particularly encouraged to look for relevant topics courses.

Category one: Historical (at least 1 unit; additional courses may be taken from the following list or students may propose other courses w/the consent of the minor advisors)

- AH 111 – History of Architecture
- HY/CL 216 – Roman History 1
- HY226/CL 227 – Roman History 2
- HY 261 – Formation of Islamic Societies
- CL 222/AH 200/HY 200/CO 220 - Rome, Naples, Sicily: Crossroads of the Ancient Mediterranean (block abroad)

Category two: Contemporary (at least 1 unit; additional courses may be taken from the following list or students may propose other courses w/the consent of the minor advisors)

- SO 101 – Inequality in the U.S.
- SO 130 – Environmental Sociology
- EV/PS 272 – Cities, Sustainability, and Environmental Justice
- PS 316 – State and Local Government
- EC 335 – Environmental Economics
- ED 255 – Teaching and Learning in Urban Schools

Option 2: Complete an approved study abroad program that focuses on cities and urban life for 4 units of credit. Programs should be chosen with consultation of the advisor.

For their fifth unit, students following either option must complete the Integrative Experience (GS330 – Urban Investigations) under the direction of the advisor.