



## **Catalog of Courses 2017-18**

# All-College Requirements

## All-College Requirements for the Bachelor of Arts Degree (B.A.) at Colorado College

The following requirements apply to all students who entered in Fall 2012 or after. Students who matriculated prior to the fall of 2012 may choose to fulfill these requirements or the All-College requirements approved in the 2011–12 Catalog of Courses.

- I. Students must satisfactorily complete 32 units of academic credit.
- II. 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 30 possible majors at Colorado College, including a major of the student's own design, the liberal arts and sciences 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.

- III. Completion of the Critical Perspectives requirements: The West in Time (one two-block course, 2 units); 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 "West in Time" 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: The West in Time asks students to position their knowledge of the broader world not just through multifaceted inquiry into "the here and now" but through critical inquiry across time as well. As an all-college requirement, The West in Time acknowledges the crucial importance of understanding the past as the context out of which contemporary modes of inquiry and contemporary fields of study have grown. The West in Time is a two-block, two-unit course in which students will explore compelling aspects of the Western experience over a significant period of time (antiquity to the modern period or the Middle Ages to the modern period). This Critical Perspectives requirement acknowledges the modern Western propensity to create cultural and historical narratives that assume development and progress over time. It also insists on the importance of understanding the contemporary Western "self" in the context of previous iterations of the 'self.' Courses in this area of inquiry will accomplish some combination of the following:

- Engage students in an exploration of the past through examination of ideas, events, cultural institutions, and practices;
- Enable students to expand their understanding of narratives of the development of the Western tradition over time and provide them with the analytical tools to critique those narratives;
- Engage students in critical analysis of the connections between the past and the present;
- Encourage students to consider how our understanding of contemporary events is informed by our grasp of the historical past.

Both the Global Cultures and Social Inequality Critical Perspectives requirements are designed to prepare students to think critically and creatively about the challenges of living in a rapidly changing society and globalized world.

[2] 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.

[3] 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.

[4] 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. This requirement complements The West in Time and the Global Cultures requirements by addressing a distinct approach to the understanding of the world that originated in the West but currently exercises global influence. 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.

[5] 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.

IV. 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, unless the student is approved by the office of accessibility resources for a course substitution based on evidence of a disability that significantly impacts the student's ability to complete the foreign language requirement;
- 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.

V. 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.

VI. All students, beginning with the Fall 2010 entering class, will demonstrate writing proficiency in the form of a successfully evaluated first-year portfolio or subsequent coursework in classes emphasizing writing. (See the Writing Program section for more information.)

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

VIII. Courses taken at other institutions will be granted as much equivalent credit as deemed appropriate by the registrar's office.

IX. 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 Dean'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.

X. 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 dean of the college grants permission for an overload.

- XI. 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.

# Academic Policies

## Academic Policies

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

October 2016

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 a \$50 fee and courses may be dropped. It is the student's responsibility to notify the registrar's office if he or she will not attend for the term.

#### Pre-registration

First-year and transfer students select their first two courses (Blocks 1 and 2) by mail during the summer or fall (for January transfers). During New Student Orientation Week, students meet with their academic advisers to review their choices. Then, during Block 2, first-year and transfer students select courses for the remainder of the academic year.

In March or April, two weeks are set aside for pre-registration (course enrollment) for the coming academic year. During this period, students meet with their advisers to plan their academic programs for the next year. Also at this time they may discuss a choice of major and vocational possibilities and review their academic progress. Students must declare a major before registration for the junior year.

Students are responsible for entering their pre-registration (course enrollment) online on any computer with internet accessibility, before the end of the pre-registration period. An 80-point, sealed-bid system will determine who is enrolled in courses and who is placed on the waiting lists. Students will be put on the waiting list for a course when their point distribution fails to get them into the selected course. Students are responsible for completing all necessary listed prerequisites for any course; failure to do so may result in an automatic drop from the course by the registrar's office or the instructor. Failure to adhere to prerequisites may jeopardize the student's ability to perform at the level expected in the class.

#### Course Attendance 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.

### **Course Changes**

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.

### **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 by turning in an add form to the registrar's office. 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.

### **Examinations**

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.

### **Independent Study**

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.

## 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.

## Credit and Grades

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 unit per semester. The January half-block allows students to earn .5 unit 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 to be graded by either the designation of A, A-, B+, B, B-, C+, C, C-, D+, D, and No Credit (G Track) or the optional system S/CR/NC (P Track). S = A through 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: A = 4.0; A- = 3.7; B+ = 3.3; B = 3.0; B- = 2.7; C+ = 2.3; C = 2.0; C- = 1.7; D+ = 1.3; D = 1.0; NC = 0.0; and WF = 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+ and D grades under both G and P Track options do not fulfill all college requirements (critical perspectives, college-level language, writing proficiency, departmental major, minor, or prerequisites). They will count toward fulfillment of the 32 unit requirement.** 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” 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, or an Administrative Fail. 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 students 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.

### **FERPA (Family Educational Rights and Privacy Act)**

College students' records are protected by the Family Educational Rights and Privacy Act (FERPA). It restricts institutions from releasing grades and other educational records without a student's written permission. Notification of FERPA rights is included in the student Check-In process at the beginning of each term. Students may view their grades online through the student self-service system after grades have been submitted and recorded by the registrar's office. Since the system is student-controlled, students are encouraged to share grade information with their parents. Students can also request official transcripts from the registrar's office which includes complete course, grade, and GPA information.

Please click [here](#) for more information about **FERPA**.

### **Advanced Standing Credit**

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 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.

## Dean's List, Distinction, and Honors

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 Dean'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 Academic Dean's Office to the Associate Dean of the College.

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.

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 unit 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](#).

### **Incomplete and Excused Grades**

If a student is unable, for a satisfactory reason such as illness, to complete the work in a given course, he or she will receive either a grade of "Incomplete" or "Excused" for that course. Incomplete grades must be made up by the beginning of the fourth block following the block in which the incomplete was recorded, 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.

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, and the instructor's recommendation must be recorded. The registrar's office will make the final decision.

### **Satisfactory Academic Progress**

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 unit 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. Eight semesters is the limit for college funds.

Full-Time Semester	Recommended Minimum # Units	Recommended Minimum 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

## **Warning and Suspension**

In Blocks 4 and 8 each year, the Dean's Advisory Committee meets to review students' academic records. The Dean'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 Associate Dean of the College.

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 chart above) 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 Associate Dean of the College to arrange for approval to take course work at another college/university during their suspension. The Associate Dean of the College 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 Associate Dean of the College 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.

### **Leave of Absence**

## **Veterans' Readmission Policy**

Under the Higher Education Opportunity Act of 2008, a student who is called to active duty in the United States Armed Forces or the National Guard or Reserve for a period of more than 30 days is entitled to reenroll in the same program, with the same enrollment status, number of credits, and academic standing as when he or she was last in attendance at Colorado College.

Readmission is allowed provided the student meets the following requirements:

- The cumulative length of the student's absences from the college because of service on active duty does not exceed five years (which period may be extended in certain cases, as provided by statute);
- The student notifies the college upon completion of service that he or she intends to reenroll at the college; and
- The student has not been discharged from the Armed Forces with a dishonorable discharge.

## **Withdrawal from the College**

All students who decide to interrupt their education at Colorado College and who do not qualify for a leave of absence, or who wish to transfer to another institution, are expected to withdraw formally from the college. A notice of formal withdrawal is available in the dean of students office. To withdraw from the college for the spring semester, a student must submit a formal notice of withdrawal by November 1 of the preceding year or forfeit the general obligation deposit. To withdraw from the college for the fall semester, a student must submit an intention to withdraw by March 1 of the preceding academic year or forfeit the general obligation deposit.

Students who withdraw to transfer to another institution and later wish to reapply to Colorado College must do so through the admission office as transfer candidates. Those students who withdraw for other reasons, such as time off to travel or simply to take a break from the educational environment, have the option of reapplying to Colorado College by writing directly to the vice president for student life or the dean of students. This option remains open for two semesters (one academic year) following withdrawal. The deadlines for reapplying through the dean of students for a given semester are November 1 for reinstatement in the spring semester and March 1 for reinstatement in the fall semester. After a lapsed time of two semesters or longer, students in this category who still wish to reapply to Colorado College must do so through the admission office. Students who withdraw formally from the college do not have the option of preregistering in the spring.

## **Procedures**

None

# Tuition & Fees

## 2017-18

Tuition	\$52,380
Student Activity Fee	\$438
Room Allowance	\$7,240 double room in residence hall
Board Allowance	\$4,836 meal plan C
Books & Supplies	\$1,230 estimate
Personal	\$1,422
Travel	\$1,070
Total cost	\$68,616

Additionally, all students are required to have health insurance while attending Colorado College and to provide annual proof of coverage either through a family health insurance plan or through the CC Student Health Insurance plan. More information is available with our [Student Health Center](#).

We have need-based aid and merit-based scholarships available. Please see our [Financial Aid pages](#) for more detail about these funds.

# Departmental Courses

## Anthropology

*Applicable for the 2017-2018 academic year.*

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

Professor HAUTZINGER (ACM Brazil director, Fall 2017; 1/2 year sabbatical, Spring 2018) , Associate Professor MONTANO (Chair); Assistant Professors FISH, INGRAM, LEZA (1/2 year sabbatical, Fall 2017); Visiting Professors CHANDRANI, HOLST, SCANDLYN, HOSEMANN, LEWIS, WREN, JACOBSON; Visiting Instructor VONFELDT

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 August 26, 2015

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

Two required, discipline-wide courses (taught in fall semester):

- **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)
- 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, RES or SW studies, etc. ).\*\*\*

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

*List of current anthropology courses*

*Requirement Met Subfield*

*Critical*

				<i>Perspectives</i>
AN 100	Human/Being – Anthropological Perspectives			G
AN 123	American Sign Language I			
AN 124	American Sign Language I			
AN 202	Human Biological Variation		Biological	
AN 205	Language and Culture		Linguistic	G or S
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 220	Doing Archaeology	Methods	Archaeology	
AN 221	Topics in Ethnomusicology			
AN 230	Human Evolution		Biological	I
AN 237	African Descendants in the Caribbean and Latin America		Cultural	G or S
AN 238	Genders and Sexualities in Latin America and the Caribbean		Cultural	G or S
AN 239	Gender Diversity Across Cultures		Cultural	G or S
AN 242	Anthropology of Food	Methods	Cultural	S
AN 243	Hispanic Folklore of the Southwest	Methods	Cultural	S
AN 245	Popular Culture		Cultural	
AN 256	Language Socialization	Methods	Linguistic	S
AN 258	Introduction to Linguistics		Linguistic	
AN 259	Native Peoples of the Southwest		Cultural	
AN 260	Language & Gender	Methods	Linguistic	
AN 262	Studying Language as Social Action	Methods	Linguistic	
AN 301	Human Osteology	Methods, 300	Biological	I
AN 302	Human Ecology and Biology	Methods, 300	Biological	I
AN 306	Primatology	Methods, 300	Biological	I
AN 308	Topics in Anthropology	300-Level	Varies	
AN 311	Language in Culture and Mind: Cognitive Anthropology	300, Methods	Linguistic	
AN 312	Language of Racism	300	Linguistic	
AN 315	Senior Capstone	Req. Core Course AN315		
AN 320	Field Archaeology	300, Methods	Archaeology	
AN 321	Rio Grande: Culture, History and Region	300, Methods	Cultural	G or S
AN 326	Religion & Ritual	300	Cultural	G
AN 331	Evolution, Science, and Society	300	Biological	
AN 333	Evolution of Human Life Histories	300	Biological	
AN 371	Culture Contact and Writing Cultures	300, Methods	Cultural	G or S
AN 376	Culture and Power: Political Anthropology	300, Methods	Cultural	G or S
AN 377	Living in the Material World--Economic Anthropology	300	Cultural	G or S
AN 380	Community-Based Field Course	300, Methods	Varies	
AN 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 first but not a second off-campus credit, 208 topics, fulfills cultural 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) 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, cultural ecology)
  - 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 — Fish, Ingram, Leza, Montano

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

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

.25 unit — VonFeldt

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

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

.25 unit — VonFeldt

#### **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 2017-18).

1 unit

### **AN205** 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. (Also listed as Race and Ethnic Studies 200 and Film and New Media Studies 104.) May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Hosemann

### **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.

*Prerequisite:* Consent of Instructor.

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 — Wren

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

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

1 unit — Carrico, Chandrani, Fish, 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 2017-18).

*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 — Montano

#### **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 2017-18).

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 2017-18).

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, Levine

#### **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. (Not offered 2017-18).

*Prerequisite:* Biology 131, Molecular Biology 111, or Molecular Biology 131, or Chemistry 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. (Not offered 2017-18).

1 unit

**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, Santería, Rastafarianism,) May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Lewis

**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. (Not offered 2017-18).

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 2017-18).

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 — Montano

**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. (Not offered 2017-18).

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. (Not offered 2017-18).

.5 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.

1 unit — Leza

### **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 — Hosemann

### **AN259** Native People 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 2017-18).

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. (Not offered 2017-18).

1 unit

### **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 2017-18).

*Prerequisite:* Anthropology 205 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. (Not offered 2017-18).

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

1 to 2 units

**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 2017-18).

*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.

*Prerequisite:* consent of instructor & Anthropology 207.

1 unit — Fish

**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 — Chandrani, Holst, Hosemann, Ingram

**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 2017-18).

*Prerequisite:* Anthropology 205 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.

1 unit — Leza

### **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 — Fish

### **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 — Ingram

### **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 2017-18).

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

2 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 2017-18).

*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 2017-18).

*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. (Not offered 2017-18).

*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.

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

1 unit — Chandrani

### **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 2017-18).

*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 2017-18).

*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.

*Prerequisite:* Consent of Instructor.

1 unit — Chandrani, Fish, Leza, Montano

## Arabic

*Applicable for the 2017-2018 academic year.*  
WRIGHT, NAJ

### Minor Requirements

The Arabic minor allows interested students to choose one of two tracks:

#### **I. Minor in Arabic Language, Literature, and Culture: (5 units)**

This track allows students to focus on Arabic language, literature, and culture. Students who choose to follow this track will be required to take classes offered in the home department. Students may take only one unit outside the home department of the minor.

- A minimum of three units of Arabic language at the intermediate level covering AR 201, AR202, and AR304 .
- Two relevant literature and culture classes at the 300 level.

#### **II. Thematic Minor in Arabic and Islamic Studies: (6 units)**

This track allows students of Arabic to study the history, religion, politics, and culture of the Arab Islamic world. Students who choose to follow this track will be required to take:

- A minimum of two units of Arabic at the intermediate level AR 201 and higher.
- Four units in approved content courses that cover topics related to the Arab and Islamic worlds in two different departments. During the last content course, the student is required to write an integrative experience paper.
- The current possible list of courses for this track is listed below. However, the list below will be reviewed and updated on yearly basis.

Art History: AH 120 Islamic Art.

History: HY 104 The Mediterranean; HY133 Civilization in the Middle East; HY200 The Search for Islamic Order; HY200 Islamic Cities; HY200 Freedom and Authority in Everyday Life: Women, Men, and Children in the Middle East; HY 200; Imagining Jordan: Myth, History, and Identity.

Political Science: PS313 Comparative Politics of the Middle East and North Africa; PS 314 International Politics of the Middle East and North Africa; PS 203 Topics in Politics: Israelis and Palestinians; PS 200 The Search for Islamic Order.

Religion: RE140/PA199 Islam; RE345/PA345 The Dervish Diaries; RE346/CO351 The Qur'an.

Mediterranean and Francophone Studies: AR 320 Topics in Arabic Literature and Culture.

### 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 — 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.

*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 —

**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 — Naji

**AR202** Intermediate Arabic

Further develops and strengthens knowledge acquired in Arabic 201.

*Prerequisite:* Arabic 201.

1 unit — Naji

**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.

*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 —

**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 2017-18).

*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

## Art

*Applicable for the 2017-2018 academic year.*

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

Professors KOLARIK (Director of Art History Program), K. LEONARD, MURRAY, SWIDER; Associate Professors BENTLEY, S. JOHNSON (Chair), TUCKER; Assistant Professor POWELL; Professor Emeritus REED; Artist in Residence and Lecturer GUMPPER; Lecturers HUNTER-LARSEN, RUBENSTEIN, STEINER; Distinguished Berg Professor HUTTON; Visiting Faculty BELL, BUKOWSKI, CONFER, EHRLICH, HODGES, JOYNER, LARNED, LOWE, OLAIYA, OPPENHEIM, SMABY

The Department of Art at Colorado College is a joint **art history/art studio** department both in name and spirit. We believe that neither of the two branches of our discipline can be meaningfully studied without the other. The department offers a variety of classes at both the introductory and advanced levels. Lower-level courses introduce beginning students to art and support the college's general education requirements, while upper-level courses provide a strong program for majors and contribute to several interdisciplinary minors. Students major in art with a concentration in either art history or art studio, but they also do considerable coursework (four courses) in the other area. Senior majors are expected to undertake substantive independent work which results in a thesis in art history or an exhibition of their work in art studio.

The Department of Art maintains an active program of events, including visiting artists, speakers' workshops, etc., which 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** with faculty to visit museums, galleries, and meet with alumni. We also offer courses abroad in locations such as Paris, Spain, and parts of Asia. The substantial income from the department's endowment, the Harold E. Berg Fund, supports these programs.

### Art History

The primary goal of the concentration in art history is to introduce a wide variety of liberal arts students to the achievements of both western and eastern art and to develop their sensitivity to the visual environment. The study of art history incorporates intellectual, social, economic, and political history, thus offering a vivid and tangible entrée to the history and achievements of human culture. In addition, we believe that art history is an excellent liberal arts major that provides a solid intellectual foundation for students with a variety of interests. Our program is structured to ensure that our majors have a general knowledge of art history and are capable of thoughtful analysis of the visual language of works of art.

### Art Studio

The art studio program aims to acquaint a wide variety of liberal arts students with the fundamentals basic to visual art, and for these students to experience the creative processes, both conceptual and technical, used in the planning and production of works of art. In addition, we strive to graduate majors who have a solid foundation for further study or careers in the visual arts. We are also responsible for meeting the needs of majors who choose to pursue other vocations.

### Major Requirements

A student may concentrate in studio art or art history. An art major requires a minimum of 14 units of art courses.

### Art Studio

The art studio concentration consists of four units of art history, 411 (NY trip/Senior Seminar), 411.1 and 411.2 extended-format thesis work. The major also requires eight additional units of studio art. Selected courses may be repeated for credit with consent of instructor.

AP credit in art studio cannot be counted towards the major, but students who receive a score of 5 on the art studio AP exam

may receive one unit of general studies credit. A maximum of three art studio courses taken at another institution or on a study abroad program may be counted towards the art studio major. Transfer students should consult the department.

## **Art History**

The art history concentration consists of 14 units: 10 units of art history and four units of art studio. The art history courses shall include an introductory course (either one or two units), six or seven elective courses (six with a two-block introductory course, seven with a one-block introductory course) covering four major areas of art history, and a two-block senior capstone experience (412 and 415) taken in the fall of senior year.

Students must take six (or seven) electives, five at the 200-level or above, including one course from each of the following four areas:

1. Ancient and Medieval Art
2. Renaissance and Baroque Art
3. Modern and American Art
4. Asian Art

The distribution requirement enables students to study the art history of different cultures and eras. It also prepares students for advanced work at the senior level. Majors are strongly encouraged to take a 300-level course before their senior year.

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. A maximum of three art history courses taken at another institution or on a study abroad program may be counted towards the art history major. Transfer students should consult the department. Foreign language competence beyond the first-year level is strongly advised as part of preparation for the capstone experience in art history.

Art majors are expected, depending on the concentration, either to submit a developed paper demonstrating their abilities to use the methods of art history or to prepare an exhibition of their studio work during their senior year.

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

## **Minor Requirements**

### **Minor in Art History (6 units)**

Any 100-level introductory course, three additional art history units at the 200 or 300 level (four additional units in the case of a one-block intro); 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. Open only to non-art majors. The introductory course provides a broad chronological and geographical introduction, with some methodological focus. The three or four units of more advanced work 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 Department of Art that serious study of art history must involve some direct experience of studio art.

### **Minor in Studio Art (6 units)**

Five studio art units and one unit in art history. Three of the studio art units have to be above the 100 level. Only Colorado College courses may count towards the minor. Open only to non-art majors. The first two 100-level units provide both a conceptual and technical introduction to studio practices. The remaining three units allow each student to investigate specific disciplines, such as painting, video, 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 — Powell

**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 — Confer, Gumper, Leonard, Swider

**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 — Leonard

**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 2017-18).

1 unit

**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 — Johnson, Joyner

**AS120** Drawing the Winter Landscape

Exploration of drawing fundamentals as they pertain to the winter landscape. (Not offered 2017-18).

.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 — Gumper

**AS203** Advanced Drawing

Drawing in various media. May include study of human figure, superficial anatomy, landscape, composition, and conceptual drawing. (Not offered 2017-18).

*Prerequisite:* .

1 unit

**AS205** Painting

Survey of basic painting concepts and procedures, materials and techniques.

*Prerequisite:* Any 100 level AS class.

1 unit — Confer, Swider

### **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 — Bentley, Hodges, Johnson, Leonard

### **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.

*Prerequisite:* any 100-level art studio course or consent of instructor.

1 unit — Steiner

### **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 — Dickson, Reed, Smaby

### **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.

*Prerequisite:* Art Studio 114.

1 unit — Johnson

### **AS215** Off Campus Topics in Studio Art

Off campus study exploring intermediate study of a specific technique, practice or topic. (Not offered 2017-18).

*Prerequisite:* consent of instructor or Art Studio 103 Materials Fee \$30.

1 unit

### **AS216** Video Art

Introduction to non-traditional uses of video including non-linear narrative and installation. Will cover basic tools and techniques including camera, lighting and basic editing techniques. (Not offered 2017-18).

*Prerequisite:* Any 100-level Art Studio Course Materials Fee.

1 unit

**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.

*Prerequisite:* Any 100-level studio art course.

1 unit — Powell

**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 — Asis

**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

**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 — Gumpfer

**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 — Confer, Swider

**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.

*Prerequisite:* or Art Studio 210 Materials Fee.

1 unit — Powell

**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.

.25 unit — Houck

### **AS314** Advanced Sculpture

Advanced exploration of materials and techniques with emphasis on extended projects and individual concepts.

*Prerequisite:* Art Studio 214.

1 unit — Joyner

### **AS315** Advanced Off Campus Topics in Studio Art:

(Not offered 2017-18).

1 to 2 units

### **AS316** Interactive Installation Art

Introduction to interactive art through design of interactive environments for digital media. Techniques include the use of Isadora software and sensor design. Emphasis will be on design of environment and appropriate composition of media. (Not offered 2017-18).

*Prerequisite:* One of the following: Art Studio 216 Video Art, Film Studies 212 Basic Filmmaking, or consent of instructor.

1 unit

### **AS317** Advanced Photography

A selection of advanced techniques and development of individual photographic vision. Independent research emphasized. (Not offered 2017-18).

*Prerequisite:* Art Studio 220.

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 — Confer, Gumpfer, Johnson, Steiner

### **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 — Johnson

## **Art History**

### **AH100** Great Monuments in Western Art

A survey of key monuments in the history of Western art. Objects discussed span the major periods of art history (from antiquity to contemporary) painting, sculpture, and architecture, as well as other media. Emphasis on the social, historical and cultural context of these key objects and their place in the traditions of art history. Students will utilize visual, verbal, and writing skills throughout the class. (Not offered 2017-18).

*Prerequisite:* No credit after Art History 112.

1 unit

### **AH111** History of Architecture

Architectural techniques and styles from pre-history to the present; interrelationship among structure, function and style. Emergence of the architect as a professional and the history of construction practices. Relationship of architecture to society. Changing concepts of purpose and quality in architecture. Urban planning and garden design. Meets the Critical Perspectives: The West in Time requirement.

2 units — Kolarik

### **AH112** Introduction to Art History

Salient developments in architecture, sculpture and painting from ancient to modern times. Focus on the Western European tradition. Meets the Critical Perspectives: The West in Time requirement.

*Prerequisite:* No credit after Art History 100.

2 units — Ehrlich

### **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 2017-18).

1 to 2 units

### **AH114** Art: East & West

An introduction to the art and architecture of Asia and Western Europe. Consideration of each tradition as well as influences and contacts. Themes to be considered include sacred sites, word and image, landscape painting, orientalism and occidentalism. May meet either the Critical Perspectives: Global Cultures or The West in Time requirement. (Not offered 2017-18).

.5 to 2 units

### **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 2017-18).

1 unit

### **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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

2 units

### **AH158** 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 2017-18).

2 units

**AH170** Alternative Perspectives in Art History: Topics

Artistic traditions of non-Western European cultures, e. g., Black Africa, Oceania, Pre-Columbian America. Different topics will be stressed depending upon the instructor. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2017-18).

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 2017-18).

1 unit

**AH190** Art and Music From Ancient to Modern Times: Harmony or Discord?

Examines the histories of western art and music, how the arts reflect cultural ideas and how their evolving styles and meanings seem either 'harmonious' or 'discordant' with one another. The course will cover key developments in both disciplines in antiquity, the middle ages, the Renaissance, Baroque, Romantic, Impressionist, and Modern eras. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

1 to 2 units

**AH200** Topics in Art History:

Selected topics in art history at the intermediate level.

.5 or 1 unit — Bentley, Ehrlich, Hundley, Hunter-Larsen

**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. (May be offered as a January half-block.) (Not offered 2017-18).

.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. (Not offered 2017-18).

1 unit

**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 2017-18).

1 unit

**AH208** Byzantine Art

Studies the art and architecture of the Byzantine empire from its sources in ancient Rome to its fall in 1453 and its aftermath in Eastern Orthodox Christian art in Russia, Greece, Serbia and elsewhere. Focus on the foundation of the city of Constantinople (modern Istanbul) and its urban development. The origins of icon painting, the rejection of images during Iconoclasm and the subsequent establishment of a theology of icons. Evolution and significance of the domed church and its program of images from Justinian's Hagia Sophia to medieval monastic churches, influence of Byzantine art in western European centers such as Vienna. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2017-18).

1 unit

**AH209** Late Antiquity

Continuity and change from Roman antiquity to the Christian Middle Ages in the art and architecture of Mediterranean lands (200-600 A. D.). The 'decline' of Rome and the development of Christian imagery will be studied through art, archaeological sites, and texts—contemporary authors as well as later historians. (Not offered 2017-18).

1 unit

**AH210** Islamic Art

Survey of Islamic art from its origins in the 7th century to the 17th century, from Muslim Spain to India: orientalism and contemporary artists from Islamic lands. Philosophy and theology of art in Islam. 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 2017-18).

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 2017-18).

1 unit

**AH223** 16th Century Art of Europe

Focus on the development of art and architecture between c. 1480 and 1600 in Europe. From the period known as the 'High' Renaissance (Raphael, Michelangelo, Durer and Titian), examines the spread and development of the Renaissance style. Looks at art made in Germany, the Netherlands, and Spain during the Reformation, and includes questions of style, iconography, patronage, function, and interpretation within that historical context. (Not offered 2017-18).

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. (Not offered 2017-18).

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.

1 unit — Ehrlich

**AH241** Nineteenth-Century Art: 1780-1880

European art from the Age of Revolution to the later 19th century. An investigation of Neoclassical, Romantic, Realist and Academic trends throughout Europe with particular emphasis on French Impressionism. (Not offered 2017-18).

1 unit

**AH243** Revolution and Tradition in Modern Art: 1880 to 1945

Post Impressionism, Fauvism, Cubism, Expressionism, Futurism, Constructivism, Dada and Surrealism. An analysis of the styles, meanings and concepts of modern art, their evolution and interrelationship with the other arts and society.

1 unit — Murray

**AH245** Art since 1945

Abstract Expressionism, Pop Art, Minimalism, Conceptual Art, Earth and Process Art, the New Realism, Decorative and New Image Art, Neo-Expressionism, and other recent developments. The emergence of New York as the major center of avant-garde art. Emphasis on the period 1945-1980. (Not offered 2017-18).

1 unit

**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 2017-18).

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 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 — Bentley

**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 2017-18).

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. (Not offered 2017-18).

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.

*Prerequisite:* Any 200-level Art History course or Consent of Instructor.

1 unit — Murray

**AH345** Special Topics in Art History:

Selected topics in art history at the advanced level. (Not offered 2017-18).

*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 — Bentley, Kolarik

**AH414** Special Problems in Art History

Independent work and special study in selected fields or periods.

*Prerequisite:* consent of instructor.

.5 to 2 units

## **AH415** Senior Thesis

Advanced work on the senior thesis in art history. Ordinarily taken following 412. Required of all art majors with a concentration in art history.

*Prerequisite:* consent of instructor & Senior Majors.

1 unit — Bentley, Kolarik

## **Asian Studies**

*Applicable for the 2017-2018 academic year.*

**Asian Studies Website** (<https://www.coloradocollege.edu/academics/dept/asianstudies/>)

Professor WILLIAMS (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 two blocks 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 outside Asia 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.

### **List of Previous Thesis Titles**

## Minor Requirements

Students pursuing a minor in Asian studies 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 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.

## Courses

### Asian Studies

#### **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.

2 units — 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, Onishi

#### **PA103** Topics:

(Not offered 2017-18).

1 unit

#### **PA105** Japanese Skill Maintenance (Beginning)

Conversation and limited reading and writing practice in Japanese language.

*Prerequisite:* Japanese 101.

.25 unit — Ericson

#### **PA106** Japanese Skill Maintenance (Beginning)

Conversation and limited reading and writing practice in Japanese language.

*Prerequisite:* Japanese 101.

.25 unit

#### **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 2017-18).

*Prerequisite:* consent of instructor.

1 unit

#### **PA110** Topics in Asian Studies:

(Not offered 2017-18).

.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 2017-18).

*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.

*Prerequisite:* Chinese Language 101.

.5 unit — Zhang

**PA117** Introduction to Asian Art

(Not offered 2017-18).

1 unit

**PA118** Civilization in East Asia

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2017-18).

2 units

**PA121** Introduction to the Sanskrit Language

(Not offered 2017-18).

.5 unit

**PA122** Introduction to the Sanskrit Language

(Not offered 2017-18).

.5 unit

**PA123** Sanskrit

(Not offered 2017-18).

.5 unit

**PA124** Sanskrit

(Not offered 2017-18).

.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 2017-18).

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 2017-18).

.25 unit

**PA151** The United States and China: Images, Perceptions and Realities

(Not offered 2017-18).

.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 2017-18).

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 2017-18).

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 2017-18).

1 unit

### **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:**

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, Zhang

### **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 — Jiang, 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 2017-18).

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 2017-18).

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 — Lasmawan

**PA211** Masterpieces of Chinese Literature in Translation

(Not offered 2017-18).

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 2017-18).

1 unit

**PA215** Japanese Skill Maintenance

.25 unit — Ericson

**PA216** Japanese Skill Maintenance

.25 unit

**PA217** China in the Age of Confucius

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2017-18).

1 unit

**PA219** Dance Studio: Tai Chi

(Not offered 2017-18).

.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 2017-18).

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 — Onishi

**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 2017-18).

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 2017-18).

1 unit

**PA225** The Dalai Lama of Tibet: Philosopher, Statesman, Monk

(Not offered 2017-18).

.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 2017-18).

.25 to 2 units

**PA229** 20th Century China

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Williams

**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. (Not offered 2017-18).

1 unit

**PA232** Japanese Society

This course examines contemporary Japanese society and compares it with the United States through an analysis of the construction of social problems in both societies. An understanding of what constitutes 'social problems' in both societies will be used to illuminate some of the basic features of both cultures and the differences between them. (Not offered 2017-18).

*Prerequisite:* Any 100-Level SO course.

1 unit

**PA233** Women, Religion and Society: Hinduism, Islam, and Buddhism

(Not offered 2017-18).

1 unit

**PA242** Religion in China

(Not offered 2017-18).

1 unit

**PA243** Religion in Japan

(Not offered 2017-18).

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.

1 unit — Williams

**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 — Chandrani, Coleman, Ericson, 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 2017-18).

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 2017-18).

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 2017-18).

*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 — Bentley

**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

**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 2017-18).

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. (Not offered 2017-18).

1 unit

**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 — Bentley

**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.

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 2017-18).

1 unit

**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 2017-18).

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 2017-18).

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 2017-18).

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 2017-18).

.25 to 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 2017-18).

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 2017-18).

1 unit

**PA345** The Dervish Diaries

Selected readings in Islamic literature in translation.

1 unit — Wright

**PA346** Western Political Thought in China

Exploration of contemporary Chinese perspectives on modern Western political thinkers. (Not offered 2017-18).

1 unit

**PA350** Advanced Topics in Asian Studies

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. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — 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.

*Prerequisite:* Religion 160 or Religion 170 or consent of instructor.

1 unit — Coleman

**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 2017-18).

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 2017-18).

*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 2017-18).

*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 2017-18).



*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 2017-18).

*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 2017-18).

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 2017-18).

1 unit

**PA390** Advanced Topics in Asian Studies:

(Not offered 2017-18).

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

*Prerequisite:* Japanese 302 or consent of instructor.

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.

## Chemistry and Biochemistry

*Applicable for the 2017-2018 academic year.*

**Chemistry and Biochemistry Website** (<http://www.coloradocollege.edu/academics/dept/chemistry/>)

Professors GROVER, LINDEMAN, MEYER; Associate Professors BRASUEL, DAUGHERTY (chair), VAGHOO; Assistant Professors BOWMAN, DOUNAY, FAHRENKRUG, KISUNZU; Visiting Assistant Professor TRAVERS; Emeritus BOWER, JONES

### Major Requirements

Students are encouraged to choose a specific subdiscipline and focus in related upper-level courses. Upper-level courses in cognate disciplines that fit specific subdisciplines of chemistry may be substituted as equivalent if approved by the department. In addition, every senior must enroll in CH490. Computational approaches, including programming and statistical analysis, are integrated into the majors, but more experience may be useful.

### Chemistry Major

A chemistry major must receive credit for courses equivalent to Chemistry 107, 108; Mathematics 126, 129; Physics 241, 242; Chemistry: 241, 250, 366 or 365, 275, 382. One of these five chemistry courses may be replaced by an upper-level chemistry course or an approved upper-level course in a cognate discipline. Students must take three upper-level courses chosen from: Chemistry 251, 342, 351, 367, 383, 475, 480 one credit of (CH201, 301, 401) and other approved upper-level chemistry courses that contain a significant laboratory. Chemistry 490 seminar course is required. The department recommends research for all students but 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.](#)

<b>Requirements for Chemistry Major and Suggested Year of Completion (14.50)</b>	<b>Requirements for ACS Chemistry Major and Suggested Year of Completion (15.50)</b>
<b>First Year</b> CH107, CH108 MA126, MA129	<b>First Year</b> CH107, CH108 MA126, MA129
<b>Second and Third Year</b> PC241, PC242 CH250: Organic I CH241: Analytical CH275: Inorganic I CH366: Physical I or CH365: Biophysical CH382 (requires CH251): Biochemistry	<b>Second and Third Year</b> PC241, PC242 CH250: Organic I CH251 (before CH382): Organic II CH241: Analytical CH275: Inorganic CH366: Physical or CH365: Biophysical CH382 (requires CH251): Biochemistry
One of these courses can be replaced by an additional upper-level course in a sub-discipline or cognate discipline	
<b>Fourth Year</b> Three In-Depth Courses: can be from any specific sub-discipline or a mixture of organic, inorganic, analytical, biochemistry or physical.  CH201/301/401: Research CH 251 (before CH382): Organic II CH342: Instrumental CH351: Organic III CH367: Physical II CH383: Biochemistry II	<b>Fourth Year</b> Three In-Depth Courses: can be from any specific sub-discipline or a mixture of organic, inorganic, analytical, biochemistry or physical.  CH201/301/401: Research (with paper) CH342: Instrumental CH351: Organic III CH367: Physical II CH383: Biochemistry II CH475: Inorganic II

**Requirements for Chemistry Major and Suggested Year of Completion (14.50)**

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: Seminar Course is Required

**Requirements for ACS Chemistry Major and Suggested Year of Completion (15.50)**

CH480: Advanced Metabolism (with lab)

Upper-level courses in cognate disciplines (with significant lab hours) may also be approved by the department

CH490: Seminar Course is Required

**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 366/365 or 275; one credit of (CH201, CH301, CH401 or MB399 with department approval), and two additional credits from the upper-level courses: Chemistry 342, 351, 367, 400, 475, 480, Molecular Biology 350, 355, 360, BE 344, 345. Chemistry 490 seminar course 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  
CH382 (requires CH251): Biochemistry  
CH241: Analytical OR CH366/365:  
Physical OR CH275: Inorganic I

**Fourth Year**

CH383: Biochemistry II  
CH201/301/401 Research or MB399 (with department approval):

Two In-Depth Courses:

In Biochemistry/Chemistry or Cognate discipline **with significant lab component** may be chosen from the following:

CH342: Instrumental  
CH351: Organic III  
CH367: Physical II  
CH400: Topics courses upon approval  
CH475: Inorganic II  
CH480: Advanced Metabolism (with lab)  
BE344: SEM

**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  
CH275: Inorganic I  
CH241: Analytical  
CH366/365: Physical

**Fourth Year**

CH201/301/401 Research with Paper or MB399 (with department approval):  
CH383: Biochemistry II

Two In-Depth Courses:

In Biochemistry/Chemistry or Cognate discipline **with significant lab component** may be chosen from the following:

CH342: Instrumental  
CH351: Organic III  
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 Bio

BE345: TEM  
BE366: Comparative Animal Physiology  
MB350-Special Topics Lab Research  
MB355-Laboratory Advanced Genetics  
MB360-Laboratory in Molecular Bio

Other upper-level courses in cognate disciplines (with significant lab hours) may also be approved

Other upper-level courses in cognate disciplines (with significant lab hours) may also be approved

CH490: Seminar Course is Required

CH490: Seminar Course is Required

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

A chemistry minor must receive credit for courses equivalent to Chemistry 107, 108, 250, and three additional credits selected from 251, 241, 275, 382 or other 300- and 400-level chemistry and biochemistry courses in this catalog (with their prerequisites). Investigations in Chemistry can count as one of the upper-level courses. A biochemistry minor must receive credit for 382 as one of the three courses taken beyond 250.

## Chemistry/Biochemistry Minor

### Requirements for Chemistry Minor Requirements for Biochemistry Minor

CH107, CH108

CH107, CH108

CH250: Organic I

CH250: Organic I

Three additional credits selected from: CH251: Organic II

CH251: Organic II

CH382: Biochemistry

CH241: Analytical

One additional credit selected from:

CH275: Inorganic

CH241: Analytical

CH382: Biochemistry

CH275: Inorganic

Or 300-400 level chemistry courses 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 2017-18).

1 unit

#### **CH104** Topics in Chemistry:

Selected topics in chemistry taught at the introductory level. units.

.5 unit — Daugherty

**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.

1 unit — Lindeman, Meyer, Travers

**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 107.

1 unit — Bowman, Fahrenkrug, Lindeman, Meyer

**CH113** Art and Alchemy-Investigating the Origins of Chemistry

(Not offered 2017-18).

*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 2017-18).

1.5 units

**CH148** Physics and Chemistry by Experimentation

(Not offered 2017-18).

*Prerequisite:* First Year Experience Course.

1 unit

**CH149** Physics and Chemistry by Experimentation

(Not offered 2017-18).

*Prerequisite:* First Year Experience Course. Must take Physics 148 block 1 for credit.

1 unit

**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.

*Prerequisite:* Mathematics 128.

.5 unit — Meyer

**CH201** 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.

*Prerequisite:* consent of instructor.

1 unit — Daugherty, Fahrenkrug, Lindeman

### **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 (Not offered 2017-18).

.5 unit

### **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 2017-18).

*Prerequisite:* Chemistry 250 or (Chemistry 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 108 and a 200 level science course.

1 unit — Bower, 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 108.

1 unit — Dounay, Grover, 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 250.

1 unit — Dounay, Kisunzu, Vaghoo

### **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 — Bowman

### **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.

.5 unit — Bowman

### **CH301** 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.

1 unit — Dounay, Grover, Meyer, Vaghoo

### **CH302** 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 to 1 unit

### **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 241 or Chemistry 345 & Physics 242 (Chemistry 365, Chemistry 366, or consent of instructor).

1 unit — Fahrenkrug

### **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 251.

1 unit — Vaghoo

**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 2017-18).

*Prerequisite:* Chemistry 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 2017-18).

*Prerequisite:* Chemistry 108, Physics 241, Mathematics 128.

1 unit

**CH366** Physical Chemistry I

Thermodynamics and chemical kinetics, especially as applied to practical aspects of technology and living systems. Equilibrium relationships in various homogeneous and heterogeneous states. Laboratory included.

*Prerequisite:* Chemistry 107 and Chemistry 108, Physics 241, Mathematics 128.

1 unit — Meyer

**CH367** Physical Chemistry II

Structures and dynamics of physical systems, from a molecular point of view. The central aspects of quantum behavior, elementary statistical mechanics and theories of reaction rates. Emphasis on analyzing spectroscopic data, and on computational approaches to quantum-mechanical systems. Laboratory included. Prerequisite: CH 366, CH 365 or COI

*Prerequisite:* Chemistry 366, Chemistry 365 or consent of instructor.

1 unit — Lindeman

**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 251.

1 unit — Daugherty, 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 382.



1 unit — Grover

### **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 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 — Dounay, Grover

### **CH401** 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.

*Prerequisite:* consent of instructor.

1 unit — Daugherty, Kisunzu, Meyer

### **CH402** 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 to 1 unit

### **CH403** Research Problems in Biochemistry

An independent research project based on laboratory investigation in biochemistry. The student should choose the original research topic with advice from member(s) of the department prior to registration in the class.

*Prerequisite:* Chemistry 382 & consent of instructor.

1 unit

#### **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 2017-18).

*Prerequisite:* consent of instructor & Chemistry 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 2017-18).

*Prerequisite:* consent of instructor or Chemistry 367 & Mathematics 203.

1 unit

#### **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 250, Chemistry 275 or consent of instructor.

1 unit — Bowman

#### **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 2017-18).

*Prerequisite:* Chemistry 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. (Not offered 2017-18).

*Prerequisite:* Chemistry 382.

1 unit

#### **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 — Daugherty

### **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 2017-2018 academic year.*

**Chinese Website** (<https://www.coloradocollege.edu/academics/dept/eastasianlanguages/>)

JIANG, ZHANG

### Minor Requirements

#### The Chinese Language Minor (6 units)

- A minimum of 5 units of Chinese language, including 2 units of Advanced Chinese
  - One (1) relevant literature course approved by the department.

### 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 — 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.

*Prerequisite:* Chinese Language 101.

.5 unit — Zhang

### **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 — Zhang

### **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

### **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 2017-18).

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 2017-18).

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 2017-18).

1 unit

**CN259** Chinese Cinema and Society

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit

**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

**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. (Not offered 2017-18).

1 unit

**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 2017-2018 academic year.*

**Classics Website (<http://www.coloradocollege.edu/academics/dept/classics/>)**

Professors CRAMER (sabbatical-fall), DOBSON (sabbatical- spring); Associate Professor THAKUR (chair); Assistant Professor BUXTON; Visiting Professor WISE

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 7–14 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.](#)**

## Minor Requirements

### Requirements of the Departmental Minor in Classics

Students minoring in classics will complete:

1. A two-block introductory sequence, normally chosen from our classics/history/First-Year Experience offerings;
2. Two units of Greek and/or Latin language, including one unit at the intermediate level;
3. One further unit at the 300 level or above, as a capstone for the minor; and
4. A paper or project, normally submitted in the capstone course, which should draw on the student's whole classical studies experience.

**[Click here to view the Minor Requirements 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 of an excellence beyond the mere grade of A.

## 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. Meets the Critical Perspectives: The West in Time requirement.

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 — Le

**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 — Le

**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. Meets the Critical Perspectives: The West in Time requirement.

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 — Le

**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 — Le

**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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

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 2017-18).

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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

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.

2 units — Dobson, Thakur

**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 2017-18).

*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. (Not offered 2017-18).

1 unit

**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 2017-18).

.75 to 1 unit

**CL201** Reading in Greek:

Introduction to Greek literature, including Homer and dramatic, philosophical or historical writing.

*Prerequisite:* Classics 101 or consent of instructor.

1 unit — Wise

**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 — Buxton

**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 — Le

**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 — Le

**CL209** Late Antiquity

Continuity and change from Roman antiquity to the Christian Middle Ages in the art and architecture of Mediterranean lands (200-600 A. D.). The 'decline' of Rome and the development of Christian imagery will be studied through art, archaeological sites, and texts-writings from the time as well as later historians. (Not offered 2017-18).

*Prerequisite:* Art History 111, 112 or consent of instructor.

1 unit

**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 — Riker

**CL211** Reading in Latin:

Various ancient and medieval Latin works.

*Prerequisite:* Classics 111 or consent of instructor.

1 unit — Wise

**CL212** Reading in Latin:

Various ancient and medieval Latin works.

*Prerequisite:* Classics 211: 111 or 2yrs HS Latin. Classics 311: 212. Classics 411: 311,312. All are 'or consent of instructor'.

1 unit — Thakur

**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 — Le

**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 — Le

**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.) (Not offered 2017-18).

1 unit

**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. (Not offered 2017-18).

1 unit

**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 2017-18).

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 — Cramer

**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 — Anderson, Cramer, Kolarik, McEnnerney

**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 2017-18).

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.

1 unit — Wise

**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

**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. (Not offered 2017-18).

1 unit

**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 2017-18).

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 2017-18).

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. (Not offered 2017-18).

1 unit

### **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 — Wise

### **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 2017-18).

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 unit — Thakur

### **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.

1 unit — Wise

**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 — Buxton

**CL303** Review of Greek with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 301. .25 Unit.

*Prerequisite:* Classics 301.

.25 unit — Le

**CL304** Review of Greek with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 301.

*Prerequisite:* Classics 301.

.25 unit — Le

**CL311** Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

*Prerequisite:* Classics 212 or consent of instructor.

1 unit — Cramer, Wise

**CL312** Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

*Prerequisite:* Classics 212.

1 unit — Thakur

**CL313** Review of Latin with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 311. .25 unit.

*Prerequisite:* Classics 311.

.25 unit — Le

**CL314** Review of Latin with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 311.

*Prerequisite:* Classics 311.

.25 unit — Le

**CL322** Advanced Topics:

Study for advanced students in the languages, arts, drama and literature.

.5 to 1.5 units

**CL401** Directed Readings in Greek:

Independent study of various authors and special topics.

*Prerequisite:* 301, 302.

1 unit — Wise

**CL402** Directed Readings in Greek:

Independent study of various authors and special topics.

*Prerequisite:* 301, 302.

1 unit — Buxton

**CL411** Directed Readings in Latin:

Independent study of various authors and special topics.

*Prerequisite:* 311, 312 or consent of instructor.

1 unit — Wise

**CL412** Directed Readings in Latin:

Independent study of various authors and special topics.

*Prerequisite:* 311, 312.

1 unit — Thakur

**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 — Buxton

## **Classics-English**

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.

Department: Classics

## 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. Meets the Critical Perspectives: The West in Time requirement.

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 — Le

#### **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 — Le

#### **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. Meets the Critical Perspectives: The West in Time requirement.

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 — Le

**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 — Le

**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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

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 2017-18).

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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

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.

2 units — Dobson, Thakur

**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 2017-18).

*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. (Not offered 2017-18).

1 unit

**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 2017-18).

.75 to 1 unit

**CL201** Reading in Greek:

Introduction to Greek literature, including Homer and dramatic, philosophical or historical writing.

*Prerequisite:* Classics 101 or consent of instructor.

1 unit — Wise

**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 — Buxton

**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 — Le

**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 — Le

### **CL209** Late Antiquity

Continuity and change from Roman antiquity to the Christian Middle Ages in the art and architecture of Mediterranean lands (200-600 A. D.). The 'decline' of Rome and the development of Christian imagery will be studied through art, archaeological sites, and texts-writings from the time as well as later historians. (Not offered 2017-18).

*Prerequisite:* Art History 111, 112 or consent of instructor.

1 unit

### **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 — Riker

### **CL211** Reading in Latin:

Various ancient and medieval Latin works.

*Prerequisite:* Classics 111 or consent of instructor.

1 unit — Wise

### **CL212** Reading in Latin:

Various ancient and medieval Latin works.

*Prerequisite:* Classics 211: 111 or 2yrs HS Latin. Classics 311: 212. Classics 411: 311,312. All are 'or consent of instructor'.

1 unit — Thakur

### **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 — Le

### **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 — Le

### **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.) (Not offered 2017-18).

1 unit

**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. (Not offered 2017-18).

1 unit

**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 2017-18).

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 — Cramer

**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 — Anderson, Cramer, Kolarik, McEnnerney

**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 2017-18).

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.

1 unit — Wise

**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

**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. (Not offered 2017-18).

1 unit

**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 2017-18).

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 2017-18).

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. (Not offered 2017-18).

1 unit

**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 — Wise

**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 2017-18).

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 unit — Thakur

**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.

1 unit — Wise

**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 — Buxton

**CL303** Review of Greek with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 301. .25 Unit.

*Prerequisite:* Classics 301.

.25 unit — Le

**CL304** Review of Greek with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 301.

*Prerequisite:* Classics 301.

.25 unit — Le

**CL311** Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

*Prerequisite:* Classics 212 or consent of instructor.

1 unit — Cramer, Wise

**CL312** Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

*Prerequisite:* Classics 212.

1 unit — Thakur

**CL313** Review of Latin with Emphasis on Rhetorical and Poetic Reading Skills

*Prerequisite:* Classics 311. .25 unit.

*Prerequisite:* Classics 311.

.25 unit — Le

**CL314** Review of Latin with Emphasis on Rhetorical and Poetic Reading Skills

*Prerequisite:* Classics 311.

*Prerequisite:* Classics 311.

.25 unit — Le

**CL322** Advanced Topics:

Study for advanced students in the languages, arts, drama and literature.

.5 to 1.5 units

**CL401** Directed Readings in Greek:

Independent study of various authors and special topics.

*Prerequisite:* 301, 302.

1 unit — Wise

**CL402** Directed Readings in Greek:

Independent study of various authors and special topics.

*Prerequisite:* 301, 302.

1 unit — Buxton

**CL411** Directed Readings in Latin:

Independent study of various authors and special topics.

*Prerequisite:* 311, 312 or consent of instructor.

1 unit — Wise

**CL412** Directed Readings in Latin:

Independent study of various authors and special topics.

*Prerequisite:* 311, 312.

1 unit — Thakur

### **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 — Buxton

## **English**

### **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. Meets the Critical Perspectives: The West in Time requirement.

2 units — Garcia

### **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. Meets the Critical Perspectives: The West in Time requirement.

2 units — Hughes, Richman, Sarchett

### **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 2017-18).

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.) Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

1 to 2 units

### **EN211** Introduction to Fiction

An introduction to narrative fiction. (Offered in some years with Writing Intensive.) (Not offered 2017-18).

1 to 2 units

### **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 2017-18).

1 unit

### **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 — Evitt, Goldberg, Mason, Nance

**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.

1 unit — Hughes

**EN225** Introduction to Shakespeare

An introduction to Shakespeare's dramatic works through four to seven representative plays

1 unit — Love

**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, Sarchett, Scheiner

**EN251** Introduction to Native American Literature

Provides a broad overview of Native American literature through a range of genres, modes, and media. Builds a Native-centered understanding of the Native American literary terrain and evaluates former and current expectations set upon Native American literature by studying the social, cultural, historical, and literary contexts of which each generation of Native American 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. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Pulley

**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 2017-18).

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.

1 unit — Love

**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.

1 unit — Richman

**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, Evitt, Goldberg, Lindblade

**EN281** Topics in Literature: "The Adventures of Huckleberry Finn"

In-depth study of one author or one major literary work (Not offered 2017-18).

.5 unit

**EN282** Beginning Poetry Writing

Practice in writing poetry.

*Prerequisite:* consent of instructor & English 221.

2 units — Mason

**EN283** Beginning Fiction Writing

Practice in writing prose fiction.

2 units — 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 2017-18).

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. (Not offered 2017-18).

.5 to 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 — Behrens, Chavez, Hayward, Hilberry

**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.

1 unit — Goodwin

**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 2017-18).

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

**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 2017-18).

1 unit

**EN302** History of the English Language with Literary Examples

The sounds, grammar and syntax of Old, Middle and Early Modern English, with a study of appropriate literary works from these periods of linguistic development. (Not offered 2017-18).

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 2017-18).

*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 2017-18).

*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 — Naji

**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 2017-18).

*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 — Seuss

**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 2017-18).

*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 2017-18).

*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.

*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.)

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Hilberry

**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.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN328** Renaissance Drama

Tragedies, comedies, and tragi-comedies by Shakespeare's contemporaries.

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit — Love

**EN329** Milton

Major poetry and selected prose of John Milton, with particular emphasis on *Paradise Lost*. (Not offered 2017-18).

*Prerequisite:* English 221 or 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

**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 2017-18).

*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

2017-18).

*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.

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit — Richman

**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 2017-18).

*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. (Not offered 2017-18).

*Prerequisite:* English 221 or 250 or consent of instructor.

.5 to 2 units

**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 2017-18).

*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.

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit — Butte

**EN379** Irish Literature

Study of Irish writing through a range of writers such as Swift, Edgeworth, Joyce, Yeats, O'Brien and Heaney. (Not offered 2017-18).

*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 — Mason, Roybal, Sawyer

**EN381** Major Authors:

In-depth study of one major author, either contemporary or from an earlier period. (Not offered 2017-18).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN382** Studies in 20th-Century Fiction

Selected fiction exploring some aspect of the century's literary and cultural concerns or some particular literary movement.

*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.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Furtak, Mason

**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.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Garcia

**EN386** James Joyce's 'Ulysses'

A concentrated study of Joyce's masterpiece, using extensive historical, biographical, critical, and theoretical materials. (Not offered 2017-18).

*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. (Not offered 2017-18).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**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.

*Prerequisite:* Theatre 217 or consent of instructor.

1 unit — Goodwin

**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.

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit — Goldberg, Tynan

**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.

*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.

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit — Sarchett

**EN398** Contemporary American Fiction

Major works of such authors as O'Connor, Pynchon, DeLillo, Carver, Morrison, Wallace and others. (Not offered 2017-18).

*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.

1 unit — Evitt, Pulley

**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 — Butte, Sarchett

#### **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:* English 221 and English 250 or consent of Instructor.

1 unit — Hayward, Hilberry, 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, Hilberry, Pulley

#### **EN486** Senior Project: Film

Advanced study of film through film-making on a subject chosen by the student, approved by the department, in which the student completes a film in a workshop setting. Required of all Film Track seniors who are making a film. (Not offered 2017-18).

*Prerequisite:* English 221, English 250, Film Studies 312.

2 units

#### **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, Goldberg, Hayward

## **Classics-History-Politics**

*Applicable for the 2017-2018 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 by fulfillment of the college's "West in Time" requirement by courses in classics, political science, history, or the cognate disciplines of art history, philosophy, or religion.

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:

I. 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.

II. 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.

IV. 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.

2 units — Ashley

#### **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. Meets the Critical Perspectives: The West in Time requirement.

2 units — Smith

#### **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 2017-18).

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 — Kohout, Mehta, Monroy, Neel

### **HY115** Survey in Latin American

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. May meet either the Critical Perspectives: Global Cultures or The West in Time requirement. (Not offered 2017-18).

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). Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

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 2017-18).

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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

2 units

### **HY200** Topics in History:

Selected topics in the study of history. Specific content and emphasis to be determined by the instructor.

.5 or 1 unit — Ashley, Chandrani, Golightly, Grace

**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. (Not offered 2017-18).

1 unit

**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. (Not offered 2017-18).

1 unit

**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 2017-18).

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 2017-18).

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 — Kohout

**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 2017-18).

*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 — Wise

### **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 2017-18).

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 2017-18).

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 2017-18).

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.

1 unit — Blasenheim

### **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.

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. (Not offered 2017-18).

1 to 2 units

**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.

1 unit — Williams

**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. (Not offered 2017-18).

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. (Not offered 2017-18).

1 unit

**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. (Not offered 2017-18).

2 units

**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. (Not offered 2017-18).

2 units

**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 2017-18).

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.

1 unit — Rommel-Ruiz

**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. (Not offered 2017-18).

1 unit

**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 2017-18).

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 2017-18).

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 — Monroy

**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.

1 unit — Blasenheim

**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 — Blasenheim

**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 — Pina

**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.

1 unit — Pina

**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.

1 unit — Pina

**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 2017-18).

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 2017-18).

*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.

1 unit — Ratchford

**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

**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.

1 unit — Williams

**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 2017-18).

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.

1 unit — Ashley

**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 2017-18).

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. (Not offered 2017-18).

1 unit

**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.

1 unit — Murphy

**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 2017-18).

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 2017-18).

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 2017-18).

1 unit

**HY270** The New South: Modernity,

1 unit — Rommel-Ruiz

**HY274** Making Europe: Medieval Culture and the Framing of European Identity

Social structures, ritual communities, and political developments from the close of Mediterranean antiquity to the Black Death of the fourteenth century, with special attention to how Europeans began in this period to understand and characterize their experience as shared. Readings centering in contemporary historical, literary, and religious texts, discussed in light of differing interpretations of the relationship between medieval and modern Europe's.

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 2017-18).

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 2017-18).

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 2017-18).

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 2017-18).

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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

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 2017-18).

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.

1 unit — Smith

### **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 — Cramer

### **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 2017-18).

.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.

*Prerequisite:* Consent of Instructor.

1 unit — Rommel-Ruiz, 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. (Not offered 2017-18).

1 unit

**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. (Not offered 2017-18).

1 unit

**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 2017-18).

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 2017-18).

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 2017-18).

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 — Lee, Murphy

**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 2017-18).

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 2017-18).

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 2017-18).

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 2017-18).

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 — Ashley, Williams

**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 2017-18).

*Prerequisite:* consent of instructor & Declared Major.

.5 unit

**HY409** Directed Readings in History:

*Prerequisite:* consent of instructor & 3 units of History.

.5 to 2 units

**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 — Kohout, Rommel-Ruiz

**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 — Kohout, Rommel-Ruiz

**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

**HY430** Senior Thesis

*Prerequisite:* 399, 410, consent of instructor, senior standing.

1 unit — Neel

**HY431** Senior Thesis

Directed reading and preparation of a thesis.

*Prerequisite:* 399, consent of instructor, senior standing.

1 unit — Neel

**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 2017-18).

*Prerequisite:* No credit after 103.

1 unit

**PS103** Western Political Traditions

A survey of the experiences and ideas that have shaped political life in the West. Treatment of selected periods and political philosophies from Ancient Greece through the 20th century. The foundations and development of liberal-democratic thought, together with critiques of, and alternatives to, liberal-democratic thought and practice. Focus on the constitutional democracy of the United States. (Cannot be taken after PS 101.) (Offered as an FYE course.) Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

*Prerequisite:* No credit after Political Science 101.

1 to 3 units

**PS115** 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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

2 units

**PS123** Race in America: A Conversation

(Not offered 2017-18).

.5 unit

**PS150** Fundamental Debates on the Common Good

A major controversy in the history of Western political philosophy has been over the foundation and aims of political rule. Crucial to this debate is the question of the character and limits of a 'common good,' and indeed, the question whether such a good can even exist. Basic but competing perspectives, drawn from ancient, medieval, modern, and contemporary texts, will be examined, and stress will be placed on how the question of the 'common good' continues to animate political debate, as well as on its potential for shaping a student's moral and political outlook. (Offered as an FYE course.) Meets the Critical Perspectives: The West in Time requirement.

1 or 2 units — Grace

**PS200** American 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 — Cronin, Derdzinski

**PS203** Topics in Politics:

1 unit — Alters, Chandrani, Coggins, Derdzinski

**PS204** Topics in Politics: The Prison-Industrial Complex

An examination of shifting notions of crime and punishment in the United States and their political and social consequences. Primary focus on the growing incarceration rate, emerging corrections practices and philosophies, the rise of privatization and emergence of a 'revolving door' prison economy. (Not offered 2017-18).

.5 to 1 unit

**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.

1 unit — Fuller

**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 — Hendrickson, Price-Smith

**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.

1 unit — Galves

**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.

1 unit

**PS212** The Civil Rights Movement

A survey of the Civil Rights Movement from the Montgomery bus boycott of 1955 to the assassination of Martin Luther King in Memphis in 1968. Particular emphasis on the enduring legal, political, and social effects of the movement. (Not offered 2017-18).

.5 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 2017-18).

1 to 3 units

**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 unit — Grace

**PS225** Conduct of American 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 — Foerster, Gould, Price-Smith

**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

**PS227** 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. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2017-18).



1 unit

**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.

.5 to 1 unit

**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 2017-18).

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. (Not offered 2017-18).

1 unit

**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.

1 unit — Lindau, Sorace

**PS242** Conservatism & Liberalism

Examination of leading conservative and liberal thinkers in America since 1945. (Not offered 2017-18).

1 unit

**PS243** Southeast Asian Politics

By providing an overview of states and societies in pre-colonial, colonial, and post-colonial Southeast Asia, this course aims to make sense of key forces which have shaped the region's diverse political systems today—the military juntas in Burma and Thailand, the socialist regime in Vietnam, single party dominant systems in Singapore and Malaysia, and multiparty presidential systems in Indonesia and the Philippines. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2017-18).

1 unit

**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 2017-18).

1 unit

**PS248** Environmental Politics of Agriculture

This course focuses on the historical and contemporary processes of environmental change and agrarian transformation as a result of resource scarcity, scientific progress, and capitalist development. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2017-18).

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 2017-18).

1 unit

**PS254** Democracy & Justice

(Not offered 2017-18).

.5 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 2017-18).

1 unit

**PS272** 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. (Not offered 2017-18).

1 unit

**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

*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 — McKendry

**PS290** Foundations of Political Thought

Examines the origins and development of political theory from Plato to Machiavelli. (Not offered 2017-18).

*Prerequisite:* Meets AP:A if taken immediately before Political Science 101.

1 unit

**PS292** American Political Thought

An examination of the political theory of the American founding and its relevance to contemporary political problems.

1 unit — Fuller

**PS296** The Politics of the Legal Process

Norms and processes of courts and the legal professions. How they shape and are shaped by public policy and political culture. Emphasis given to interpretation of statutes, common law, and the U. S. Constitution. (Not offered 2017-18).

1 unit

**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?

1 unit — Grace

**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 2017-18).

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? (Not offered 2017-18).

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 2017-18).

1 unit

**PS309** Origins of the Modern State System

Examines the development of international thought from the Renaissance to the Scottish, French, and American Enlightenment. How the modern thinkers saw antiquity, and how their thought is relevant to contemporary trends and debates, are key themes. (Not offered 2017-18).

1 to 2 units

**PS310** Post-Communist Politics and Literature

Examination of post-communist political and economic changes in Eastern Europe, Central Europe, and Russia following the fall of communism through the lenses of political theory, economic theory, and literature. Exploration of how literature not only reflects and comments on political and economic developments but also enacts them. (Not offered 2017-18).

*Prerequisite:* 200 or 300-level literature course in Comparative Literature, English or other literature course; any 100 or 200 level Political Science course; or Consent of Instructor.

1 unit

**PS311** Contemporary International Politics

An examination of the conflict zones of the contemporary international system, with typical focus on East Asia, the Middle East, and Europe (Not offered 2017-18).

1 to 2 units

**PS312** Balkan Politics-Disintegration & Rebirth

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 2017-18).

.5 to 1 unit

**PS313** Comparative Politics: The Middle East and North Africa

A comparative study of the internal politics of selected states in the region, with emphasis on the relationship between the religious and political spheres and on the question of democratization. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Lee

**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.

1 unit — Lee

**PS315** Parties and Voting Behavior

Current philosophies and strategies for victory of the Democratic and Republican parties in the United States. Emphasis on group voting behavior and recent election statistics. (Not open to students who have taken Topics in Politics: Electoral Politics and Voting Behavior.) (Not offered 2017-18).

1 to 2 units

**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.

1 unit — Hendrickson

**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.

1 unit — Cronin

**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 2017-18).

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

**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

**PS322** Russia & the World

(Not offered 2017-18).

1 unit

**PS323** Minority Politics

A comparative analysis of the political experience and responses of major ethnic minorities and women to the American political process. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2017-18).

1 unit

**PS324** Environmental Law and Policy for 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). (Not offered 2017-18).

1 unit

**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** 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 community. (Not offered 2017-18).

1 unit

**PS327** 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. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2017-18).

1 unit

**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 — Lee, Murphy

**PS331** Comparative Politics: China

The development of Chinese politics, with 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.

1 unit — Sorace

**PS333** Building The European Union: Integration, Institutions and Politics

Students acquire the historical background and analytical tools necessary to understand the European Union. Covers EU history, institutions, and contemporary policies. (Not offered 2017-18).

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 2017-18).

*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

**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 — Grace

**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 2017-18).

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 2017-18).

*Prerequisite:* Political Science 209, 225 or consent of instructor.

1 unit

**PS351** State Formation and Social Movements

Examines the historical processes of state formation in the West and elsewhere. Explores reactions from societies, which took the forms of social movements--from peasant rebellions to social revolutions. (Not offered 2017-18).

1 unit

**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.

1 unit — Price-Smith

**PS358** Environment, Health and Security

Focuses on the global dimensions of environmental change, resource scarcity, and their interactions with human

health within the domain of political science. Examines the utility of orthodox 'national security' paradigms versus emerging conceptualizations of 'human security.' (Not offered 2017-18).

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. (Not offered 2017-18).

1 unit

**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.

*Prerequisite:* Junior standing or consent of instructor.

1 unit — Fuller

**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, McKendry

**PS380** Constitutional Law in American 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.

*Prerequisite:* consent of instructor or Political Science 200.

1 unit — Galves

**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 2017-18).

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.)

1 unit — Lindau



**PS403** Independent Study:

1 unit — Fuller

**PS404** Tutorial in American Politics

*Prerequisite:* consent of instructor.

1 unit — Coggins, Wolfe

**PS408** Tutorial in Political Theory

May be taught as a block course or as an extended format year-long course.

*Prerequisite:* consent of instructor.

1 unit

**PS410** Tutorial in International Relations

*Prerequisite:* consent of instructor.

1 unit — Hendrickson, Price-Smith

**PS412** Tutorial in Comparative Politics

*Prerequisite:* consent of instructor.

1 unit — Lee, 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 to 2 units

**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. Meets the Critical Perspectives: The West in Time requirement.

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 — Le

**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 — Le

**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. Meets the Critical Perspectives: The West in Time requirement.

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 — Le

**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 — Le

**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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

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 2017-18).

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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

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.

2 units — Dobson, Thakur

**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 2017-18).

*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. (Not offered

2017-18).

1 unit

**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 2017-18).

.75 to 1 unit

**CL201** Reading in Greek:

Introduction to Greek literature, including Homer and dramatic, philosophical or historical writing.

*Prerequisite:* Classics 101 or consent of instructor.

1 unit — Wise

**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 — Buxton

**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 — Le

**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 — Le

**CL209** Late Antiquity

Continuity and change from Roman antiquity to the Christian Middle Ages in the art and architecture of Mediterranean lands (200-600 A. D.). The 'decline' of Rome and the development of Christian imagery will be studied through art, archaeological sites, and texts-writings from the time as well as later historians. (Not offered 2017-18).

*Prerequisite:* Art History 111, 112 or consent of instructor.

1 unit

**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 — Riker

**CL211** Reading in Latin:

Various ancient and medieval Latin works.

*Prerequisite:* Classics 111 or consent of instructor.

1 unit — Wise

**CL212** Reading in Latin:

Various ancient and medieval Latin works.

*Prerequisite:* Classics 211: 111 or 2yrs HS Latin. Classics 311: 212. Classics 411: 311,312. All are 'or consent of instructor'.

1 unit — Thakur

**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 — Le

**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 — Le

**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.) (Not offered 2017-18).

1 unit

**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. (Not offered 2017-18).

1 unit

**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 2017-18).

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 — Cramer

**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 — Anderson, Cramer, Kolarik, McEnnerney

**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 2017-18).

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.

1 unit — Wise

**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

### **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. (Not offered 2017-18).

1 unit

### **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 2017-18).

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 2017-18).

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. (Not offered 2017-18).

1 unit

### **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 — Wise

### **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 2017-18).

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 unit — Thakur

**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.

1 unit — Wise

**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 — Buxton

**CL303** Review of Greek with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 301. .25 Unit.

*Prerequisite:* Classics 301.

.25 unit — Le

**CL304** Review of Greek with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 301.

*Prerequisite:* Classics 301.

.25 unit — Le

**CL311** Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

*Prerequisite:* Classics 212 or consent of instructor.

1 unit — Cramer, Wise

**CL312** Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

*Prerequisite:* Classics 212.

1 unit — Thakur

**CL313** Review of Latin with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 311. .25 unit.

*Prerequisite:* Classics 311.



.25 unit — Le

**CL314** Review of Latin with Emphasis on Rhetorical and Poetic Reading Skills

Prerequisite: Classics 311.

*Prerequisite:* Classics 311.

.25 unit — Le

**CL322** Advanced Topics:

Study for advanced students in the languages, arts, drama and literature.

.5 to 1.5 units

**CL401** Directed Readings in Greek:

Independent study of various authors and special topics.

*Prerequisite:* 301, 302.

1 unit — Wise

**CL402** Directed Readings in Greek:

Independent study of various authors and special topics.

*Prerequisite:* 301, 302.

1 unit — Buxton

**CL411** Directed Readings in Latin:

Independent study of various authors and special topics.

*Prerequisite:* 311, 312 or consent of instructor.

1 unit — Wise

**CL412** Directed Readings in Latin:

Independent study of various authors and special topics.

*Prerequisite:* 311, 312.

1 unit — Thakur

**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 — Buxton

## Comparative Literature

*Applicable for the 2017-2018 academic year.*

**Comparative Literature Website (<http://www.coloradocollege.edu/academics/dept/comparativeliterature/>)**

Associate Professors DAVIS (Chair), SCHEINER; Adjunct Associate Professor HUGHES; Assistant Professor NAJI

Comparative methods in literary studies can be seen as the contribution by the humanities to a broad transformation of university disciplines beginning in the early 19th century; a new perception of phenomena in the life sciences (anatomy, psychology), and social sciences (jurisprudence, linguistics, anthropology). The change of perspective was motivated by the need for more systematic relationships within already existing bodies of knowledge, as well as for new connections between objects apparently foreign, alien to one another. Finally, in what might be felt as an ethical dimension, one desires to relativize one's own parochial certainties, and to rethink these from a cosmopolitan, and international, viewpoint.

The Comparative Literature Program is true to these traditions, while attentive to the necessity of revision, change, and renewal, of its offerings on the basis of the experience of the multiplicity of literary forms, as well as current work in literary theory and criticism.

The program insists that every course examine works from different linguistic and cultural areas and periods and/or from different disciplines. We call attention to the origin and diffusions of genres, themes, and movements, and the relation between literary and other art forms. We require reading fluency in original languages (as well as translations) for all upper-division studies (seminars, thesis), and expect that students become acquainted with and capable of employing critical methods of textual analysis.

## Major Requirements

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.

## 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 — 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.

*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 —

### **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 — Naji

### **AR202** Intermediate Arabic

Further develops and strengthens knowledge acquired in Arabic 201.

*Prerequisite:* Arabic 201.

1 unit — Naji

### **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.

*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 —

### **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 2017-18).

*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**

### **CO100** Introduction to Comparative Literature

What is literature? What are genres? How should they be read, interpreted and evaluated? What social and personal functions does writing have? How is writing related to oral tradition? How do writers compare themselves to others (admiration and imitation, rejection, transformation)? Study of literary texts from ancient to modern and from a variety of languages and cultures. Emphasis on close reading of literary texts as well as critical research, analysis, and writing. Meets the Critical Perspectives: The West in Time requirement.

2 units — Davis, Hughes, Scheiner

### **CO103** Poetry Reading as a Service to the Community

(Not offered 2017-18).

.25 unit

### **CO118** Order and Chaos in Art

Since very early in the history of the Western philosophical tradition and up to the present, art has often been debated in terms of order versus chaos, and has been considered a privileged arena on which to probe ethical questions. The border between what is beautiful and what is good is a fertile ground for students beginning a liberal arts education. In addition to sharpening an awareness of the fact that even such intimate feelings as the aesthetic experience are theoretically constructed, students will be encouraged to articulate different approaches to account for the artistic phenomenon. An important connection between things personal and things political will come to the fore. Students will be introduced to the thoughts and works of major Western philosophers and poets, from Plato and Aristotle, Nietzsche, Kant and Schiller, and Baudelaire, Gide, and Thoreau. Students will record their personal reflections on art objects and will be encouraged to present them to a community of peers, both in short papers circulated within the class and in class presentations to which other classes will be invited. (A First Year Experience offering, Blocks 5-6. Enrollment is limited to entering first-year students.) (Not offered 2017-18).

*Prerequisite:* First years Only.

2 units

### **CO141** Philosophy & Literature

(Not offered 2017-18).

1 unit

### **CO200** Topics in Comparative Literature

Intermediate level consideration of various topics in comparative literature. Topics might include a single genre, a period or a theme. Texts usually in English but with reference to non-English materials within the competence of students. (May be offered as a January half-block.)

1 or 2 units — Dobson, Ericson, Evitt, Hughes

### **CO210** Introduction to Literary Theory

Introduction to the major twentieth-century theories of literature, including such approaches as formalism and structuralism, hermeneutics, reception theory, feminist theory, psychoanalytic approaches, post-structuralism and new historicism. Study of important theoretical texts as well as literary works from a variety of language traditions,

exploring the ways in which theory informs possibilities of interpretation.

1 unit — Scheiner

**CO220** Topics in Comparative Literature: Literature and Other Disciplines

Intermediate level consideration of various topics in comparative literature with particular emphasis on comparisons between literature and other disciplines. Topics might include a particular period or theme. Texts usually in English but with reference to non-English materials within the competence of students. (May be offered as a January half-block.)

1 unit — Davis, Grace, Ragan, Wise

**CO300** Practice in Comparison

Deepening of comparative reading and critical writing begun in 100. Specific topics, themes or genres as well as texts to vary from year to year. Designed to promote the 'practice' and encouragement of more sophisticated textual work, greater perception of literary issues, and clarity of writing.

*Prerequisite:* consent of instructor or Comparative Literature 100.

1 unit — Mason

**CO310** Jr. Seminar in Comp Lit:

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 Comparative Literature and, in particular, of current issues and debates within the discipline. Contextualizing of students' work within a larger, disciplinary framework.

*Prerequisite:* Junior standing, reading knowledge of a language other than English, and a 300 level course in English, or other literature, or consent of instructor.

1 unit — Scheiner

**CO351** Advanced Topics in Comparative Literature

Since the earliest records India and the West have encountered each other in traveler's logs, historical accounts and a range of literary genres. In the eyes of the other these cultural and geopolitical bodies have been imagined as the end of the earth, land of opportunity, spiritual destination and center of depravity. This class looks at a range of such constructions of the other in texts from India, Pakistan, England, the United States and Portugal to better understand their long interrelated histories. Selected readings may include Rudyard Kipling's *Kim*, Ruth Jhabvala's *Heat and Dust*, W. Somerset Maugham's *The Razor's Edge*, Gita Mehta's *Karma Cola*, and Mohsin Hamid's *The Reluctant Fundamentalist*. (Not offered 2017-18).

*Prerequisite:* 200 or 300-level lit course in CO, EN, or other literatures or consent of instructor.

.5 to 1 unit

**CO352** Topics in Comparative Literature: Literature and Other Disciplines:

Examination of post-communist political and economic changes in Eastern Europe, Central Europe, and Russia following the fall of communism through the lenses of political theory, economic theory, and literature. Exploration of how literature not only reflects and comments on political and economic developments but also enacts them.

*Prerequisite:* 200 or 300-level literature course in Comparative Literature, English or other literature course; any 100 or 200 level Political Science course or Consent of Instructor.

1 unit — Evitt, Furtak, Lindblade, Mason

**CO390** Theory and Practice of Translation

This course will combine the practical experience of translating literary texts with reading and discussion in the rich field of translation studies. The first third of the block will be devoted to exploring the questions that translation raises

about language, literature, authority, and power, both through readings and through exercises in translation and in translation criticism. The second third of the block will consist of translation workshops and discussion of the more practical issues of translation. We will end the block with a discussion of translations themselves as a cultural force, and with individual research projects on translation. or AN 258, and a 300 level course in a foreign language (or equivalent); or consent of instructor. (Not offered 2017-18).

*Prerequisite:* Comparative Literature 210 or English 250 or Anthropology 258 & a 300 level Language course (or equivalent) or consent of instructor.

1 unit

### **CO391** Advanced Literary Theory

In-depth study of important 20th-century movements of thought about literature and art. Topics vary from year to year and may include Russian Formalism, semiotics, New Criticism, phenomenology and hermeneutics, reader response criticism, psychoanalytic theory, feminist theory, post-colonial theory, queer theory and gender theory., and another, 200-level literature course, or consent of instructor.

*Prerequisite:* 210 (or English 250) or consent of instructor.

1 unit — Naji

### **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.

.5 to 2 units

### **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

### **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 310, Required for Majors.

1 unit — Scheiner

## **Computer Science**

*Applicable for the 2017-2018 academic year.*

**Computer Science Website** (<http://www.coloradocollege.edu/academics/dept/mathematics/>)

Associate Professor BURGE; Assistant Professors WHITEHEAD, YLVISAKER

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 general college requirements, a major in computer science must complete:

- [CP115](#) (Computational Thinking)
- [CP122](#) (Computer Science 1)
- [MA126](#) (Calculus 1)
- [MA129](#) (Calculus 2)
- [CP222](#) (Computer Science 2), and either [MA201](#) (Discrete Math), or [MA251](#) (Number Theory): a student should complete these before declaring the major
- [CP274](#) (Software Design) and [CP275](#) (Computer Organization)
- one unit from [CP342](#) (Distributed Systems) and [CP344](#) (Database Systems)
- one unit from [CP360](#) (Computer Graphics), [CP365](#) (Artificial Intelligence), and [CP341](#) (Special Topics)
- [CP405](#) (Theory of Computation) and [CP407](#) (Analysis of Algorithms).

A student majoring in computer science must also

- Attend at least four departmental seminars or department-approved talks after declaring the major, and submit a one-page summary of each on Canvas within two weeks of the seminar. This must be completed by the end of Block 7 of the student's senior year. (Need help with your seminar writeups? Download our helpful [Seminar Writeup handout](#) to get a better idea of what is expected in your summaries.)
- Complete the Computer Science Senior Project, described below.

### Computer Science Senior Project and Distinction

1. You must take [CP499](#) during your senior year. It can be in any block, but check with your advisor.
2. You should consult with your advisor regarding the project late in your junior year or early in your senior year.
3. By the end Block 2 of your senior year, you must submit a project proposal consisting of about one page outlining the project. You should include a rough schedule of your proposed work over the year. Completed projects are due in Block 7.
4. All projects should be centered on developing a substantial computer program. The focus can be applied or theoretical, but in all cases you should include some discussion of how your specific work fits into the larger development of computer science. This probably means investigating how theory affects your applied project or how applications will evolve out of your theoretical work.
5. Your program should be well-documented and include sections detailing:
  - a. User interface
  - b. Software engineering (Languages, Frameworks, and API's you chose.)
  - c. Main algorithms (including whatever analysis seems appropriate.)
  - d. Testing (a test plan should be developed early.)
  - e. Debugging
6. A medium-length (6-8 pages) paper should accompany your program. This paper should be written for an audience of other computer science majors. For example, you don't need to define what a b-tree is, but you would need to describe how you modified it to work with the graph-based DBMS you are designing. The tone of your paper should be *academic/formal*. You will need to write multiple drafts of your paper, spend a considerable amount of time proofreading, and it would be beneficial to get outside advice from your advisor, other faculty members, or the CC Writing Center. The paper should be polished enough at the end to submit to an undergraduate conference.
7. You may decide to present your work publicly in a seminar during Block 7. Taking this opportunity is highly encouraged as it is a good chance to talk about your ideas with your peers and other Math/CS faculty.

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.

*Revised July 2016*

## **Courses**

### **Computer Science**

#### **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 — Burge, 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 — Ellsworth, Whitehead

#### **CP222** Computer Science II

Examination of algorithms for searching, sorting, and manipulation of data structures. Exploration of queues, stacks, trees, and graphs using a variety of design techniques including recursion and object-oriented programming. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Computer Science 122.

1 unit — Ellsworth, Whitehead

#### **CP241** Topics in Computer Science:

Special topics in computer science not offered on a regular basis (Not offered 2017-18).

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 2017-18).

*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 — Ylvisaker

**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

**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 2017-18).

*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.

*Prerequisite:* Computer Science 274 and Computer Science 275.

1 unit — Koo

**CP355** Independent Study:

*Prerequisite:* Computer Science 222, Computer Science 274, Computer Science 275.

1 unit — Whitehead

**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.

*Prerequisite:* Computer Science 274 and Computer Science 275.

1 unit — Janke

**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. (Not offered 2017-18).

*Prerequisite:* Computer Science 274 and Computer Science 275.

1 unit

**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 2017-18).

*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:* Any 300-level Computer Science course.

1 unit — Whitehead

#### **CP407** Analysis of Algorithms

Investigation of the efficiency and design of algorithms including order estimates, complexity, and NP problems.

*Prerequisite:* Any 300-level Computer Science course.

1 unit — Janke, Ylvisaker

#### **CP499** Senior Project

Software project in computer science approved by the student's advisor. Students design, document, implement, and test a long-term software project. Required for majors in computer science.

*Prerequisite:* Computer science major, senior standing. Computer Science 222, Computer Science 274, Computer Science 275.

1 unit — Burge, Ellsworth, Whitehead

## **Economics and Business**

*Applicable for the 2017-2018 academic year.*

**Economics and Business Website** (<http://www.coloradocollege.edu/academics/dept/economics/>)

Professors FENN, JOHNSON, KAPURIA-FOREMAN, PARCO, REDMOUNT(Associate Chair), SMITH, TIEFENTHALER; Associate Professors DE ARAUJO, LYBECKER(Chair); Assistant Professors CRAIGHEAD, HOEL, MILLER-STEVENS, RADER; Schlessman Visiting Executives-in-Residence ALLON, EDMONDS, FASTOW, GRASSMUECK, JETER, LUTZ DAVIDSON, MANN, PRESS; Visiting Faculty SHARMA

### **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:

#### A. 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 Probability and Statistical Modeling Or Biostatistics and Experimental Design	<b>1 unit</b>
		<b>2 or 3 units</b>

#### B. Required Courses in Economics

Micro, Macro /International, 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 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>

**C. Electives in Economics**

A minimum of five elective courses within the department's three tracks (Business, Micro and Macro/International) such that:  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	<b>5 units</b>
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**D. Thesis in Economics**

A two-block thesis experience must be completed in one of the student's completed tracks:  EC 430 for Business theme  EC 460 for Microeconomics theme  EC 490 for Macroeconomics/ International theme	<b>2 units</b>
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**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 2017-18).

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 — Kapuria-Foreman

**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 — Sharma

**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, Rader

**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.

.5 unit — Miller-Stevens, Parco

**EC112** Business and Society

An examination of the social, political and natural environment in which business operates (Not offered 2017-18).

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.

*Prerequisite:* Field Trips for Service Learning.

1 unit — Rader

**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 — Jeter

**EC120** Entrepreneurial Idea Development

Introduction to how social and environmental challenges can create entrepreneurial opportunities. Course emphasis will be on social enterprises in both non-profit and for-profit sectors, leading into a project to be developed in EC 220. Credit granted only after completion of EC 220. Pass/fail grade only

*Prerequisite:* consent of instructor.

.25 unit — Miller-Stevens

**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 2017-18).

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 2017-18).

.5 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 — Craighead, Hoel, Lybecker, Smith

#### **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

#### **EC220** Entrepreneurship

Examines the knowledge and skills needed for the identification, evaluation, and exploitation of opportunities in a variety of circumstances and environments. Attention is paid to the behaviors of entrepreneurs, networks, the venture creation process, financing, legal and tax considerations, and the development of a formal venture proposal. May include local field trips. Pass/fail grade only.

*Prerequisite:* Economics 120; Economics 201 or Economics 205.

1 unit — Miller-Stevens

#### **EC221** Entrepreneurial Execution

For students who have fully-developed venture proposals and intend to launch them into viable business entities. This course may be taken repeatedly after the completion of EC 220. Pass/fail grade only.

*Prerequisite:* Economics 220.

.25 unit — Miller-Stevens

#### **EC225** Intermediate Topics in Business

Selected topics, with content and emphasis developed by the instructor.

*Prerequisite:* Economics 201 or Economics 205.

1 unit — Edmonds

### **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. (Day trips, additional expense \$\$\$ for students.) Field trips may be included.

*Prerequisite:* Economics 201; Mathematics 117.

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.

*Prerequisite:* Economics 201.

1 unit — Smith

### **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. May also count as a course within the Macroeconomics/International Theme.

1 unit — Johnson

### **EC255** Intermediate Topics in Microeconomics

Students will write and rewrite intensively on policy related topics in Economics. They will learn to pose a valid research question in the context of a comprehensive and cogent literature review.

*Prerequisite:* Economics 201.

1 unit

### **EC271** 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. It includes fieldwork and may involve additional expense \$\$\$\$. Students may choose to take this course for credit either in Economics (EC 271) or Environmental Studies (EV 341) if they meet the necessary prerequisite. (Fulfills one unit of the divisional requirement in the Social Sciences but not in the Natural Sciences.) May also count as a course within the Macroeconomics/International Theme (Not offered 2017-18).

*Prerequisite:* Economics 141/EV 141 and Economics 201. (Also listed as Environmental Program 341).

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. Open to International Political Economy majors and to others with consent of instructor.

*Prerequisite:* Economics 201.

1 unit — Kapuria-Foreman, McKendry

**EC285** Intermediate Topics in Microeconomics

What does it mean to “make a difference in a poor child’s life”? Many humanitarian organizations make strong claims about the impact of their programs, but less often define and quantify the 'difference' they actually make or consider the relative cost-effectiveness of their programs. This class takes a critical look at such claims, and teaches students how economists use the scientific method to evaluate the impact of aid programs in developing countries. Students will learn about four methods of impact evaluation (randomized controlled trials (RCTs), instrumental variables, regression discontinuity designs, and difference-in-differences), read academic journal articles about several topics of interest (e.g. microfinance, women’s empowerment, education, technology, violence, and institutions), and enjoy popular press books such as *The Idealist* and *Poor Economics*. We will place special emphasis on a discussion of how the scientific method generally and RCTs specifically have been applied to questions of economic development, and further examine how numerical data can be collected and analyzed to measure progress towards economic, social, and moral goals. By the report of one former student: “This course should be a pre-requisite for anyone interested in making (more or less of) a real positive impact in the world, be they future non-profit employees, social entrepreneurs, government officials, or private donors.”

*Prerequisite:* Economics 201 and Mathematics 117 or Consent of Instructor.

1 unit — Hoel

**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.

1 unit — Hoel, Johnson, Lybecker, Sharma

**EC302** Macroeconomic Theory II

An advanced study of business cycles and economic growth models.

*Prerequisite:* Economics 201.

1 unit — Craighead, Redmount

**EC303** Econometrics

The use of statistical and mathematical techniques in the applied analysis of economic models. Macro- and micro-economic applications.

*Prerequisite:* Economics 201; Mathematics 117 or Mathematics 217 or Biology 220.

1 unit — Johnson, Kapuria-Foreman, Rask

**EC304** Topics in Research Methods

Examination of methods of analysis commonly used in economics and business. Emphasis on the use of models. Topics include coverage of a variety of quantitative and qualitative modeling techniques appropriate to undergraduate research leading to the development of a thesis. (Not offered 2017-18).

*Prerequisite:* Economics 303; May count as a course within the Business Theme, Microeconomics Theme or Macroeconomics/International Theme.

1 unit

**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 2017-18).



*Prerequisite:* Economics 201; Economics 205; Mathematics 117 or Mathematics 217 or Biology 220.

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. (Not offered 2017-18).

*Prerequisite:* Economics 201; Economics 205; Mathematics 117 or Mathematics 217 or Biology 220.

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; Economics 205; Mathematics 117 or Mathematics 217 or Biology 220.

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.

*Prerequisite:* Economics 201; Economics 205; Mathematics 117 or Mathematics 217 or Biology 220.

1 unit — Parco

### **EC325** Topics in Business

Focus will be on the systems in place before and after the Financial Crisis of 2008 and how they both helped and inhibited the effective functioning of the capital markets. The overarching theme will be Wall Street's role at the nexus of business and modern society.

*Prerequisite:* Economics 201 and Economics 205.

1 unit — Allon, Miller-Stevens, Rader

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*Prerequisite:* Economics 201 and Economics 205.

1 unit — Allon, Miller-Stevens, Rader

### **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 205; Economics 301; Economics 302; Mathematics 117 or Mathematics 217 or Biology 220.

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 205; Economics 301; Economics 302; Mathematics 117 or Mathematics 217 or Biology 220.

1 unit — Mann

**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 205; Economics 301; Economics 302; Mathematics 117 or Mathematics 217 or Biology 220.

1 unit — Rader

**EC335** Topics in Microeconomics

Selected topics, with content and emphasis developed by the instructor. (Not offered 2017-18).

*Prerequisite:* Economics 150 (or 151 & 152).

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 2017-18).

*Prerequisite:* 301; 302.

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.

*Prerequisite:* Economics 301; Economics 302.

1 unit — Lybecker

**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 — Lybecker, Sharma

**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. May also count as a course within the Macroeconomics/International Theme. (Not offered 2017-18).

*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

*Prerequisite:* Economics 301, Economics 303.

1 unit — Rask, Tiefenthaler

**EC351** The Economics of Immigration

An examination of consequences for home and host countries of the individual/family decision to migrate.

*Prerequisite:* consent of instructor or Economics 301, Economics 302, Economics 303. May also count as a course within the Macroeconomics/International Theme.

1 unit — Redmount

**EC352** The Economics of Organization

Internal organization of the firm, how incentive structures and problems in contracting and coordination affect patterns of ownership, financial structure, vertical and horizontal integration and internal labor markets (Not offered 2017-18).

*Prerequisite:* Economics 301.

1 unit

**EC355** Topics in Microeconomics

Selected topics, with content and emphasis developed by the instructor.

*Prerequisite:* Economics 301 and/or Economics 302 and/or Economics 303.

1 unit — Fenn

**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 — Craighead

**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

**EC373** 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 2017-18).

*Prerequisite:* Economics 301; Economics 302.

1 unit

**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 2017-18).

*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 — Craighead, Sharma

**EC385** Topics in Macroeconomics

Selected topics, with content and emphasis developed by the instructor

*Prerequisite:* consent of instructor & Economics 301.

1 unit — Smith

**EC403** Econometric Theory

The use of advanced statistical and mathematical techniques in the analysis of economic models

*Prerequisite:* Mathematics 217, Mathematics 220, Economics 301 or Economics 302.

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.

*Prerequisite:* consent of instructor.

1 unit — de Araujo

#### **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. May also count as a course within the Microeconomic Theme.

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. May also count as a course within the Microeconomic Theme.

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. (Not offered 2017-18).

*Prerequisite:* Economics 301, Economics 302, Mathematics 117 or Mathematics 217 or consent of instructor. May also count as a course within the Macroeconomics/International Theme.

1 unit

#### **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.

*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 — Parco

#### **EC425** Topics in Business - Marketing Practicum: 'The Coffee Marketing Challenge'

The "Coffee Marketing Challenge" is a farm-to-market marketing project connecting local artisanal coffee growers in the mountains of Nicaragua to craft coffee consumers in Colorado Springs. Students will work in teams to apply core marketing principles to define a target market, create and refine marketing concepts, and then produce and sell packaged coffee sourced from growers in Nicaragua. Teams will work with a craft coffee roaster in the Colorado Springs area for production and packaging. Course topics will include marketing principles such as positioning, differentiation, advertising, pricing, distribution channels, sales, accounting and finance. The class will include a one-

week trip to Nicaragua to live among the coffee growers and acquire insights into their lives and operations that will inform the subsequent marketing concept development. In addition to providing a real-world laboratory to apply and grow marketing skills, the course will provide an opportunity for students to develop appreciation for Nicaraguan history and culture, developing world economic systems, and entrepreneurial challenges.

*Prerequisite:* consent of instructor and Economics 326 Consumer Marketing.

1 unit — Mann

#### **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 year long 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

#### **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 department by application; at least one 300-level elective in the Business Theme.

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 301, Economics 302, Economics 303; two electives in the Business Theme.

1 unit — Sharma, de Araujo

#### **EC455** Advanced Topics in Microeconomics

Selected topics, with content and emphasis developed by the instructor. (Not offered 2017-18).

*Prerequisite:* consent of instructor and at least one 300-level elective in the Microeconomics Theme.

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 year long 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 department by application; at least one 300-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:* 301; 302; 303; two electives in the Microeconomics Theme.

1 unit — Kapuria-Foreman

**EC470** Seminar in International Political Economy

Students produce original research under the personal supervision of an assigned faculty member. (Not offered 2017-18).

*Prerequisite:* Economics 275 or consent of instructor; International Political Economy major, senior standing.

1 unit

**EC485** Advanced Topics in Macroeconomics

Selected topics, with content and emphasis developed by the instructor. (Not offered 2017-18).

*Prerequisite:* consent of instructor and at least one 300-level elective in the Macroeconomics Theme.

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 year long 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 year long 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 department by application; at least one 300-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:* 301; 302; 303; two electives in the Macroeconomics/International Theme.

1 unit

**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 — Fenn

**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 2017-18).

*Prerequisite:* IPE major or consent of instructor.

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 2017-18).

*Prerequisite:* Economics 301 or Economics 302; Mathematics 117 or Mathematics 217; consent of instructor.

.5 unit

**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. .

1 unit — Smith

**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 department & Economics 301 and Economics 302; Economics 275 or Political Science 375; International Political Economy major; senior.

2 units

## Education



*Applicable for the 2017-2018 academic year.*

**Education Website (<http://www.coloradocollege.edu/academics/dept/education/>)**

Professor DROSSMAN; Associate Professor TABER (chair); Assistant Professors VALTIERRA, WHITAKER;  
Lecturer STANEC

*Learning about learning* is at the core of the Department of Education's mission. In essence, *all* situations are *educational*, be it in a corporate boardroom or in a kindergarten classroom in Chicago or in an outdoor education classroom in Botswana.

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 influence on education systems. In either case, the Department of Education provides an opportunity for you to pursue a Colorado educator license, an education major, an education minor, or a Master of Arts in Teaching (with an educator license).

In addition, the department has faculty expertise for four additional areas for enriching your research-based interests: arts education, environmental education, global education, and urban education.

## **Major Requirements**

### **Registration FAQs for Education Courses**

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)**

- ED101 Introduction to the K-12 Classroom Culture\*
- ED120 Practicum in Environmental Education (TREE semester)
- ED200 Teaching Culturally and Linguistically Diverse Learners
- ED210 Power of the Arts in Education
- ED211 Framework for U.S. Education
- ED213 Engaging the Learner
- ED218 Globalization in Education
- ED222 Diversity and Equity in Education\*\*
- ED225 Foundations of Environmental Education (TREE semester)
- ED235 From Multicultural Education to Critical Pedagogy: Civil Rights in the U.S. Public Schools\*\*
- ED255 Urban Education\*\*

*Study Abroad unit (see approved list including some DIS, Budapest for Math Education, Chile Comparative ED/Social Change, Senegal Education and Culture, CIEE in Dominican Republic for ESL training, HECUA Inequality in America...)*

\* COURSE REQUIRED FOR ALL MAJORS AND MINORS

\*\* STUDENTS INTERESTED IN EARNING A TEACHING LICENSE MUST CHOOSE AT LEAST ONE OF THESE COURSES

#### **Category: Educational Research (two units)**

ED260 Educational Research Design. *This is a two-block course.*

#### **Category: Psychology (one unit)**

ED311 Educational Psychology

#### **Category: Curriculum, Instruction, and Assessment (one unit)**

- ED370 Arts Integration: Creating Critical Thinkers and Connected Communities
- ED380 Curriculum and Engaging Pedagogies
- ED385 Environmental Education

### **Category: Instructional Methods (one unit)**

ED477 Culturally Responsive Teaching and Disciplinary Literacy Methods

\*\*Students must obtain COI no later than first Monday of previous block

### **Category: Educational Policy and Reform (one unit)**

ED415 Educational Interventions

ED425 Innovations & Social Justice in Public Education

ED430 Policy and Politics in American Education

ED455 Education Reform in the 21st Century

### **Category: Advanced Research (one unit)**

ED490 Advanced Research

\*\*Students must obtain COI no later than first Monday of previous block

## **Minor Requirements**

### **Registration FAQs for Education Courses**

#### **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:

#### **Category: Foundations in Education (ED101 plus two electives)**

ED101 Introduction to K-12 Classroom Culture\*

ED120 Practicum in Environmental Education (TREE semester)

ED200 Teaching Culturally and Linguistically Diverse Learners

ED210 Power of the Arts in Education

ED211 Framework for American Education

ED213 Engaging the Learner

ED218 Globalization in Education

ED222 Diversity and Equity in Education\*\*

ED225 Foundations of Environmental Education (TREE semester)

ED235 From Multicultural Education to Critical Pedagogy: Civil Rights in the U.S. Public Schools\*\*

ED255 Urban Education\*\*

*Study Abroad unit (see approved list including some DIS, Budapest for Math Education, Chile Comparative ED/Social Change, Senegal Education and Culture, CIEE in Dominican Republic for ESL training, HECUA Inequality in America...)*

\* COURSE REQUIRED FOR ALL MAJORS AND MINORS

\*\* STUDENTS INTERESTED IN EARNING A TEACHING LICENSE MUST CHOOSE AT LEAST ONE OF THESE COURSES

#### **Category: Psychology (one unit)**

ED311 Educational Psychology

#### **Selecting the Final Course to Complete the Minor**

**Students Only Wishing to Complete the Minor and Not Interested in Teacher Licensure:**

#### **Category: Curriculum, Instruction and Assessment (one unit)**

ED370 Arts Integration: Creating Critical Thinkers and Connected Communities  
ED380 Curriculum and Engaging Pedagogies  
ED385 Environmental Education

### **Students in the Teacher Preparation Program or Master of Arts in Teaching program:**

#### **Category: Instructional Methods (one unit)**

ED477 Culturally Responsive Teaching and Disciplinary Literacy Methods

\*\*\* *Students must obtain COI no later than first Monday of previous block*

## **Teacher Preparation Program Requirements**

Program Advisor: Debra Yazulla Mortenson, Education Services Manager

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)

One of the following: ED222 Diversity and Equity in Education, ED235 From Multicultural Education to Critical Pedagogy: Civil Rights in the U.S. Public Schools 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: Critical Pedagogies in Literacy, Curriculum and Instruction (2.0 units)

\*\*Students must obtain COI no later than first Monday of previous block

ED400 Integrating Educational Technology (0 units, proficiency based)

ED407 Topics and Issues in Special Education in the General Classroom (.25 units)

ED408 Assessment Design and Data-Driven Instruction (.25 units)

ED479 Teacher Candidate Practicum (3.5 to 4.0 units), OR

ED479 Teacher Candidate Practicum (2.0 units) and ED495 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 Programs**

Colorado College offers a Master of Arts in Teaching 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 Education Services Manager 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 Department of Education.

In compliance with Title II of the Higher Education Act, the following data for 2015-16 (the most recent reporting year) is provided: 14 students were enrolled (admitted but not yet completed) in the teacher education program and 13 students completed the teacher education program; there were five full-time faculty members, and there were 13 part-time faculty in professional education and faculty from other departments involved. There were 8 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 PLACE or 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 — Randolph

#### **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

**ED121** Youth Empowerment

In this extended format course, students will analyze issues facing youth in the community to create meaningful sociopolitical transformation by empowering youth to become the agents of change. Our primary topics include youth agency, homelessness, sexuality, immigration, racism and allyhood, and juvenile justice. This course also offers students an opportunity to model implementation of youth empowerment by having students take a leadership role in course development, teaching, and assessment. In this Community Based Learning (CBL) class, students will research the effectiveness of programs created to counteract the negative influences on youth while working in a community organization in Colorado Springs. (Not offered 2017-18).

*Prerequisite:* Prior direct service with K-12 aged students through a college or community organization in Colorado Springs.

.5 unit

**ED150** Contemporary Issues in Education

An interdisciplinary examination of issues that have current or potential effect on American education, e. g., government involvement, special populations programs, assessment dilemmas, curricular controversies, and reform proposals and initiatives. (Not offered 2016-17).

1 unit

**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 — Walter

**ED201** Advanced Aides in the Colorado Springs Schools

Serve as an advanced instructional aide in local schools, completing 30 hours of service-learning in cooperation with local education personnel. 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. (Offered in Fall only). (Not offered 2017-18).

*Prerequisite:* Education 110.

.5 unit

**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 unit

**ED210** Power of the Arts in Education

This community-based learning course explores the rationales and theories of the learning through the arts in education. The arts will be used as teaching pedagogies to motivate and engage students, allowing learning to transfer from one context to another. Museum education will be studied as an informal learning environment for teaching core curriculum to K-12 students. Requires a substantial lab component which includes education technology, teaching in school classrooms, and working with K-12 students in the Fine Arts Center.

1 unit

**ED211** Framework for U.S. Education

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 2017-18).

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.

*Prerequisite:* Education 101.

1 unit

**ED217** Musical Learning Theories for Band and Orchestral 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.

1 unit — Figueroa

**ED222** Diversity & 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. (Not offered 2017-18).

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 — 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.

1 unit — Valtierra

**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.

*Prerequisite:* Consent of Department.

.5 or 1 unit — Drossman, Figueroa, Fitzhugh, Freeman

**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 2017-18).

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:* ED1101, 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:* Education 101 and one of the following: Education 210, Education 211, Education 218, Education 222, Education 225, Education 235, or Education 255 and consent of instructor.

1 unit — Whitaker

**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 2017-18).

1 unit

**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.

*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

An advanced curriculum, instruction, and assessment course for students interested in understanding how curricular materials, class experiences and teacher interaction behaviors define curriculum. Students will learn about curriculum theories and ideologies that inform learning design. Particular attention is paid to cultural relevance and inclusion and the connection to brain-based, developmental learning to answer the questions: what should be taught, to whom, and for what ends? Students will spend time developing curriculum and evaluating its implementation in a school setting. (Not offered 2017-18).

*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.

1 unit — Whitaker



#### **ED400** Integrating Educational Technology

Helps teacher candidates to integrate and utilize technology to maximize student learning. Teacher candidates must demonstrate competencies according to five standards established by the International Society for Technology Education: 1) Facilitate and inspire student learning and creativity; 2) Design and develop digital age learning experiences and assessments; 3) Model digital age work and learning; 4) Promote and model digital citizenship and responsibility; and, 5) Engage in professional growth and leadership. This course must be taken in conjunction with ED479 Teacher Candidate Practicum.

*Prerequisite:* Consent of department or enrolled in the MAT program.

Taber

#### **ED403** Advanced Independent Study

May be taken in specified blocks. Content arranged and consent of instructor.

*Prerequisite:* Consent of instructor.

1 unit — Valtierra, Whitaker

#### **ED407** Topics and Issues of Special Education in the General Classroom

Students will learn about the history of Special Education, the evolution of the laws regarding Special Education, and the responsibility of the general classroom teacher. Students will learn about various disabilities and their implications in the classroom. This course must be taken during Blocks 1 and 2 and in conjunction with ED478 and ED479.

*Prerequisite:* consent of instructor.

.25 unit — Siegel

#### **ED408** Assessment Design and Data-Driven Instruction

This course examines a range of student assessments from teacher-designed tests and writing assignments to the interpretation of 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. This course must be taken during Blocks 3 and 4 and in conjunction with ED479. Prerequisite: consent of instructor.

*Prerequisite:* consent of instructor.

.25 unit — Craft

#### **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.

*Prerequisite:* Education 370, Education 380, or Education 385.

1 unit — Taber

#### **ED418** Colloquium:

(Not offered 2017-18).

.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 2017-18).

*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. (Not offered 2017-18).

*Prerequisite:* Education 370, Education 380 or Education 385.

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 2017-18).

*Prerequisite:* Education 370, Education 375, Education 380 or Education 385.

1 unit

#### **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** Inclusive Pedagogies in Literacy, Curriculum and Instruction

Building upon prior course work on how people learn, this two-block course uses the specific context of the practicum sites to focus students’ application of literacy, planning, teaching and assessment in the candidate’s discipline/level. Elementary and secondary teacher candidates examine in-depth developmentally effective approaches for meeting diverse students’ learning needs. Teacher candidates analyze and adapt curriculums and pedagogies that facilitate learning, while examining the relationship of theory to practice in discipline specific contexts. Special emphasis is placed on literacy, numeracy, Common Core Standards, 21st Century Skills, integration, data-driven instruction, and special education. Breakout sessions with content specialists for varying levels and subjects deepen teacher candidates’ skills in becoming self-analytic and reflective teachers.

*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 — Taber

**ED490** Advanced Research

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 and consent of department.

1 unit — Drossman, Taber, Valtierra, Whitaker

**ED495** 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 2017-18).

*Prerequisite:* Education 479 for 2 units.

2 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 2017-18).

**ED524** Teacher Scholars Program:

(Not offered 2017-18).

.25 unit

**ED572** Teaching Diverse Learners

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 — Whitaker

**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

### **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.

*Prerequisite:* Education 579. 1 to 4 units.

2 units — Taber

### **ED581** Specialized Internship in Community Setting

Internship in a specialized placement with a community partner that matches an MAT candidate's research focus. MAT candidates engage in discussions with the community partner throughout the program, and then spend Blocks 7 and 8 (April through May) in an internship within that setting, applying their education skills in a project-based learning approach. (Not offered 2017-18).

*Prerequisite:* Education 580.

2 units

### **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 2017-18).

*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 2017-18).

*Prerequisite:* MAT Candidates Only.

.25 unit

## **English**

*Applicable for the 2017-2018 academic year.*

**English Website** (<http://www.coloradocollege.edu/academics/dept/english/>)

Professors BUTTE, GARCIA, HILBERRY, MASON (chair), SARCHETT; Associate Professors EVITT, HAYWARD, LOVE, RICHMAN (associate chair); Assistant Professors GOLDBERG, PULLEY; Adjunct Associate Professor HUGHES; Visiting Assistant Professor STEFANEK.

## **Major Requirements**

## **Literature Track**

A student majoring in English on the literature track must satisfactorily complete at least 11 units. Students on the literature track may not use a single course to fulfill more than one requirement in the major, except in the case of the junior seminar, which may also fulfill a requirement from group 2 or 3. In all other cases, courses may meet multiple requirements, but students must choose one.

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, Latino/a, Native American literature
  - 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. Junior/Senior Sequence (2 or 3 units, required):
  - a. EN399 Junior Seminar (1 unit; this requirement may be fulfilled simultaneously with a requirement in groups 2 or 3).
  - b. Senior Seminar (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**

### **Junior Seminar Eligibility Form**

## **Creative Writing Track**

A student majoring in English on the creative writing track must satisfactorily complete at least 15 units. Students on the creative writing track may not use a single course to fulfill more than one requirement in the major. Courses may meet multiple requirements, but students must choose one.

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: courses in African-American, Asian-American, Latino/a, Native American literature
  - 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. Creative Writing Sequence (6 units, all required)
- a. EN282 or EN283: Beginning Poetry or Fiction Writing (2 units)
  - b. EN308 or EN309: Advanced Poetry or Fiction Workshop
  - c. EN481 and EN485: Senior Seminar and Senior Projects in either poetry or fiction
  - d. One unit in another art discipline (e.g. studio art, photography, theater, dance, filmmaking; the course must involve the practice, not strictly the analysis, of another medium).

### **Creative Writing Track Application**

### **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 Department of English 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. Seniors complete their major in either academic film studies, or in filmmaking; both choices require two blocks.

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 Department of English/Film Studies program):
  - 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: 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, Classics, 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)
  - b. Two out of the following three:
    - Medieval/Renaissance (excluding Shakespeare)
    - c. 18th Century
    - d. 19th Century
4. Film Studies courses (3 units required; may be fulfilled simultaneously with requirements in group 2)
  - a. FS315: Film History and Theory (required)
  - b. Film studies electives (2 units; may overlap with group 2)
    - i. Film topics classes (The Western, Hitchcock, Film Noir)
    - ii. Filmmaking classes (Screenwriting, Advanced Filmmaking)
5. Senior Sequence (3 units required, including pre-requisites)

- a. Filmmaking options
  - i. Make a film in your two-block senior project (EN486)  
Prerequisite: FS312: Advanced Filmmaking
  - ii. Write a screenplay in your two-block senior project (EN486)  
Prerequisite: FS284: Screenwriting
- b. Film Studies options:
  - i. Take a two-block senior seminar (EN480) with a film component
  - ii. Take a one-block senior seminar (EN480) and one block of Independent Thesis (EN499)

Prerequisite for both film studies options: EN399 Junior Seminar in English (may overlap with historical periods)

### **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. Senior film projects by students in any discipline are encouraged and supported.

#### **Requirements**

I. Two core courses:

- FS 212: Basic Filmmaking and
- FS 215: Introduction to Film Studies

II. One additional unit in film history/criticism:

- FS 315: Film History and Theory
- FS 205: Topics in Cinema
- FS 220: Blacks and the Cinema or
- FS 305: Advanced Topics in Cinema

III. One additional unit in filmmaking

- FS 312: Advanced Filmmaking
- FS 218: Topics in Filmmaking
- FS 284: Beginning Screenwriting or

- FS 318: Advanced Topics in Filmmaking.

Any two additional Film Studies units, not to include more than one unit of independent study.

## Courses

### English

#### **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. Meets the Critical Perspectives: The West in Time requirement.

2 units — Garcia

#### **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. Meets the Critical Perspectives: The West in Time requirement.

2 units — Hughes, Richman, Sarchett

#### **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 2017-18).

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.) Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

1 to 2 units

#### **EN211** Introduction to Fiction

An introduction to narrative fiction. (Offered in some years with Writing Intensive.) (Not offered 2017-18).

1 to 2 units

#### **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 2017-18).

1 unit

#### **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 — Evitt, Goldberg, Mason, Nance

**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.

1 unit — Hughes

**EN225** Introduction to Shakespeare

An introduction to Shakespeare's dramatic works through four to seven representative plays

1 unit — Love

**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, Sarchett, Scheiner

**EN251** Introduction to Native American Literature

Provides a broad overview of Native American literature through a range of genres, modes, and media. Builds a Native-centered understanding of the Native American literary terrain and evaluates former and current expectations set upon Native American literature by studying the social, cultural, historical, and literary contexts of which each generation of Native American 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. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Pulley

**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 2017-18).

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.

1 unit — Love

**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.

1 unit — Richman

**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, Evitt, Goldberg, Lindblade

**EN281** Topics in Literature: "The Adventures of Huckleberry Finn"

In-depth study of one author or one major literary work (Not offered 2017-18).

.5 unit

**EN282** Beginning Poetry Writing

Practice in writing poetry.

*Prerequisite:* consent of instructor & English 221.

2 units — Mason

**EN283** Beginning Fiction Writing

Practice in writing prose fiction.

2 units — 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 2017-18).

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. (Not offered 2017-18).

.5 to 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 — Behrens, Chavez, Hayward, Hilberry

**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.

1 unit — Goodwin

### **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 2017-18).

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

### **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 2017-18).

1 unit

### **EN302** History of the English Language with Literary Examples

The sounds, grammar and syntax of Old, Middle and Early Modern English, with a study of appropriate literary works from these periods of linguistic development. (Not offered 2017-18).

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 2017-18).

*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 2017-18).

*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 — Naji

**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 2017-18).

*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 — Seuss

**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 2017-18).

*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 2017-18).

*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.

*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.)

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Hilberry

**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.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN328** Renaissance Drama

Tragedies, comedies, and tragi-comedies by Shakespeare's contemporaries.

*Prerequisite:* English 221 or 250 or consent of instructor.

1 unit — Love

**EN329** Milton

Major poetry and selected prose of John Milton, with particular emphasis on *Paradise Lost*. (Not offered 2017-18).

*Prerequisite:* English 221 or 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

**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 2017-18).

*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 2017-18).

*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.

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit — Richman

**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 2017-18).

*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. (Not offered 2017-18).

*Prerequisite:* English 221 or 250 or consent of instructor.

.5 to 2 units

**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 2017-18).

*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.

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit — Butte

**EN379** Irish Literature

Study of Irish writing through a range of writers such as Swift, Edgeworth, Joyce, Yeats, O'Brien and Heaney. (Not offered 2017-18).

*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 — Mason, Roybal, Sawyer

**EN381** Major Authors:

In-depth study of one major author, either contemporary or from an earlier period. (Not offered 2017-18).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**EN382** Studies in 20th-Century Fiction

Selected fiction exploring some aspect of the century's literary and cultural concerns or some particular literary movement.

*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.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Furtak, Mason

**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.

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit — Garcia

**EN386** James Joyce's 'Ulysses'

A concentrated study of Joyce's masterpiece, using extensive historical, biographical, critical, and theoretical materials. (Not offered 2017-18).

*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. (Not offered 2017-18).

*Prerequisite:* 221 or 250 or consent of instructor.

1 unit

**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.

*Prerequisite:* Theatre 217 or consent of instructor.

1 unit — Goodwin

**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.

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit — Goldberg, Tynan

**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.

*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.

*Prerequisite:* English 221 or English 250 or consent of instructor.

1 unit — Sarchett

**EN398** Contemporary American Fiction

Major works of such authors as O'Connor, Pynchon, DeLillo, Carver, Morrison, Wallace and others. (Not offered 2017-18).

*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.

1 unit — Evitt, Pulley

**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 — Butte, Sarchett

#### **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:* English 221 and English 250 or consent of Instructor.

1 unit — Hayward, Hilberry, 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, Hilberry, Pulley

#### **EN486** Senior Project: Film

Advanced study of film through film-making on a subject chosen by the student, approved by the department, in which the student completes a film in a workshop setting. Required of all Film Track seniors who are making a film. (Not offered 2017-18).

*Prerequisite:* English 221, English 250, Film Studies 312.

2 units

#### **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, Goldberg, Hayward

## **Environmental Program**

*Applicable for the 2017-2018 academic year.*

**Environmental Program Website** (<http://www.coloradocollege.edu/academics/dept/environmentalprogram/>)

Associate Professors PERRAMOND, KUMMEL (Director), McKendry; Assistant Professors BARNES, LEE, GRATZ; Distinguished Lecturer and Legal Scholar-in-Residence KANNAN

The Environmental Program includes coursework in environmental science and policy. The environmental science major includes an integrated major with an interdisciplinary focus, as well as disciplinary tracks in environmental physics and environmental chemistry. The environmental policy major offers an integrated environmental major with emphasis on political science and economics.

An environmental issues minor is available (see Thematic Minors) that can be used with any departmental major. There are also options under environmental studies LAS majors.

Students interested in the Environmental Program should carefully read the course requirements and listings, and we strongly encourage first- and second-year students to discuss their interests with the EV faculty.

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## Major Requirements

The environmental science major has three tracks:

Integrated Major

Chemistry Concentration

Physics Concentration

All environmental science majors require the following:

1. The integrated major or a major in environmental chemistry or environmental physics
2. A capstone experience that includes Environmental Management ([EV 321](#)); Senior Seminar ([EV 490](#), pass/fail, 0 units); and either Environmental Synthesis ([EV 421](#)) or Senior Thesis ([EV 499](#)) or Senior Paper (EV 420). (2 units)

### Integrated Environmental Science major

(updated 4.20.15)

**16 total units (14 required + 2 elective options)**

#### Introductory EV base (2 units)

EV128 Introduction to Global Climate Change

EV141 Sustainable Development

#### Natural Science Sequence (7 units)

EV155 Intro Earth Systems Science **or** GY140 Physical Geology

MA126 Calculus I

EV228 Analysis of Environmental Data or MA117 Probability & Statistics or MA217 Probability and Statistical Modeling or BY220 Biostatistics and Environmental Design

EV211 Human Impacts on Biogeochemical Cycles

EV209 Ecology

EV212 Energy

EV311 Water or EV431 Air

#### Social Science Sequence (3 units)

EV271 Environmental Policy or EV 274 Environmental Politics & Policy

SO130 Environmental Sociology or EV277 Eco Feminism or SW301 Political Ecology of the Southwest

EV281 Environmental Ethics or EV221 Environmental Inquiry, or EV 273 Environmental History, or EV 255 Nature & Society

#### Thematic Electives (2 units)

Chosen with your advisor, must include at least one 300-400 level course.

**Note:** After your advisor approves your electives, please send an email to the current EV program director, your

advisor, and Sharon Johnson ([sharon.johnson@coloradocollege.edu](mailto:sharon.johnson@coloradocollege.edu)) to confirm your plan. We will enter this information in your academic file.

1. \_\_\_\_\_
2. \_\_\_\_\_

Examples (for illustration – you need not select one of these options):

After EV209 Ecology: EV 422 Terrestrial Ecosystem Ecology + BY308 Advanced Ecology

After EV155: GY250 Hydrology or EV311 Water and GY320 Surface Processes and Geomorphology

After core, one methods + advanced thematic course (to prepare for capstone)

### Capstones (2 units)

EV321 Environmental Management

EV421 Environmental Synthesis, EV 420 Senior Paper, or EV499 Thesis

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## Chemistry Concentration Requirements

Total of 15 units

A student interested in a major in environmental science with an emphasis in chemistry is required to take:

- Sustainable Development or Microeconomics (EV 141 or EC 151)
- Environmental Policy (EV 271 or PS 321)
- General Chemistry I & II (CH 107 and 108)
- Organic Chemistry I (CH 250)
- Analytical Chemistry or Bioanalytical Chemistry (CH 241 or CH 345)
- Calculus I and II (MA 126 and 129)
- Classical Physics I and II (PC 241 and 242)
- Environmental Management (EV 321)
- Environmental Synthesis (**EV 421**) or Senior Thesis (**EV 499**) or Senior Paper (EV 420)
- Senior Seminar (EV 490, pass/fail, 0 units)

And any three of the following:

Organic Chemistry II (CH 251); Environmental Chemistry (CH 210); Organic Chemistry III (CH 351); Instrumental Analysis (CH 342); Biochemistry I (CH 382), Biochemistry II (CH 383), Physical Chemistry I (CH 366); Physical Chemistry II (CH 367); Inorganic Chemistry (CH 475); Air: Atmospheric Physics and Chemistry (EV 431).

Students are encouraged to take the three advanced classes as a concerted sequence that can lead to graduate studies or careers in areas such as toxicology: CH 251, CH 382, CH 383 with CH 345, or atmospheric chemistry: CH 366, CH 367, and EV 431.

Research in Environmental Chemistry and a field biology or geology course are also recommended.

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## Physics Concentration Requirements

Total of 14 units

A student interested in a major in environmental science with emphasis in physics is required to take:

- Sustainable Development or Microeconomics (EV 141 or EC 151)
- Environmental Policy (EV 271 or PS 321)
- Calculus I, II, & III (MA 126, 129, and 203)
- Introductory Classical Physics I & II (PC 241 and 242)
- Modern Physics (PC 251)

- Electronics (PC 261)
- Techniques of Experimental Physics (PC 361)
- Mechanics I (PC 341)
- Air: Atmospheric Physics and Chemistry (EV 431)
- Environmental Management (EV 321)
- Environmental Synthesis (**EV 421**) or Senior Thesis (**EV 499**) or Senior Paper (EV 420)
- Senior Seminar (EV 490, pass/fail, 0 units)

A field biology or geology course is also recommended. A student interested in graduate school or an environmental science career in fields such as atmospheric physics, meteorology, geophysics, and oceanography should take additional courses, such as differential equations, computer science, chemistry, and more physics.

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## **Environmental Policy major**

(updated 4.20.15)

**14 total units (12 required + 2 elective units)**

### **Introductory framework: (2 units)**

EV128 Introduction to Global Climate Change

EV141 Sustainable Development

### **Natural Sciences/Quantitative (3 units)**

EV211 Human Impacts on Biogeochemical Cycles or EV209 Ecology and the Environment

MA126 Calculus 1 (or equivalent)

MA117 Probability and Statistics (or equivalent)

### **Economics (1 unit)**

Must be EC 201 Economic Theory I

\* **Note:** The Economics Department will not be teaching EC 150, EC 151, or EC 152 after Spring 2015. During the transition, students who have taken EC 151 or EC 152, but not both, can complete the requirement by taking EC 201 Economic Theory I.

### **Domestic Policy (2 units)**

EV271 Environmental Policy or EV 274 Environmental Politics & Policy

EV373/PS321 Public Policymaking (1 unit)

### **International Environmental Policy (1 unit)**

EV374 Environmental Law and Policy for the Global Commons or PS356 Global Environmental Policy or SW301 Political Ecology of the Southwest or SO130 Environmental Sociology

### **Environmental Humanities (1 unit)**

EV255 Nature and Society or EV281 Environmental Ethics or EV221 Environmental Inquiry

### **Thematic electives (2 units)**

1 unit must be 300 or 400 level; both are to be chosen with your advisor.

**Note:** After your advisor approves your electives, please send an email to the current EV program director, your advisor, and Sharon Johnson ([sajohnson@coloradocollege.edu](mailto:sajohnson@coloradocollege.edu)) to confirm your plan. We will enter this information in your academic file.

1. \_\_\_\_\_
2. \_\_\_\_\_

Examples (for illustration – you need not adopt any of these options):

EV 335 Environmental Economics + EV341 Ecological Economics

EV 277 Ecofeminism + SW301 Political Ecology of the Southwest

EV 272 Cities, Sustainability, & Environmental Justice + EV 374 Environmental Law & Policy for the Global Commons

### **Capstones (2 units)**

EV321 Environmental Management

EV421 Environmental Synthesis, EV 420 Senior Paper, or EV499 Thesis

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## **Minor Requirements**

### **New Environmental Issues Minor Requirements**

#### **Approved December 2013**

Advisors - Hourdequin, McKendry

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:**

EV128 - Introduction to Global Climate Change

#### **Core Courses:**

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.

#### **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

#### **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  
PS31/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

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:**

EV321 - Environmental Management

## Courses

### Environmental Program

#### **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 2017-18).

.5 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.

1 unit — Cornelius, Drossman, Drummond, Kummel

#### **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 2017-18).

1 to 2 units

#### **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 — Barnes, Barriquand, Burns, Fricke

### **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 2017-18).

1 unit

### **EV141** 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.)

1 unit — Cornelius, Lee

### **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 2017-18).

1 unit

### **EV161** 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. (Not offered 2017-18).

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 211.

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 2017-18).

*Prerequisite:* Chemistry 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.

*Prerequisite:* Environmental Program 128 and Mathematics 126.

1 unit — Barnes

**EV212** Energy: 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 means of energy storage. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

*Prerequisite:* Environmental Program 211 or the following: Chemistry 107, Environmental Program 128, and Mathematics 126 (or Mathematics 125).

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.

1 unit — Drummond, Snyder

**EV221** Environmental Inquiry

This class is designed to serve as the first integrative 'capstone' course for prospective Environmental Science majors. By focusing on diverse, multidisciplinary forms of inquiry - from scientific inquiry to governmental policy studies to business sector position papers and contributions from the humanities - this course will provide a structured analysis for exploring selected environmental issues and how they are viewed through diverse types of inquiry. The intended outcome is a comprehensive framework students will take with them into future courses that facilitates a broad approach to 'inquiring' about any environmental issue or problem and detecting narrowness and bias in the arguments made by others concerning environmental challenges, issues, and problems.

1 unit — Drossman

**EV222** Quantitative Methods in Environmental Science

Dynamic system modeling applied to environmental examples. Some data analysis and estimation techniques to determine functional relationships and parameters for building models. Analysis of equilibrium and other key system behavior in the context of population models, the carbon cycle, and other ecological phenomena. (Does not meet the laboratory/field requirement for the natural sciences.) Meets the Critical Perspectives: Scientific Investigation of the



Natural World requirement. (Not offered 2017-18).

*Prerequisite:* Mathematics 125, 125 or 127 (Environmental Program 221 recommended).

1 unit

**EV228** Analysis of Environmental Data

Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2017-18).

*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.

1 unit — Ashley

**EV260** Topics in Environmental Social Sciences

Selected topics of current societal interest that relate to our environment offered when interest and opportunity arise. Counts as one unit of social science credit. Only one such unit may be counted toward the social science requirements.

1 unit

**EV261** Topics in Environmental Humanities

Selected environmentally-related topics courses taught from the perspectives of the humanities.

1 unit — Goldberg, Hourdequin

**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 — Drossman

**EV271** Environmental Policy

Considers environmental policy and law, the role of policy and law in protecting the environment, policymaking, policy strategies, and the relationship of environmental policy, law and science. Counts as one unit of social science credit.

*Prerequisite:* .

1 unit — Kannan

**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. (Not offered 2017-18).

1 unit

### **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 — Kohout

### **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.

*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 — McKendry

### **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 2017-18).

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

### **EV293** Independent Research in Environmental Science

1 unit — Kummel

### **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 and Junior or Senior standing.

1 unit — Gay-Antaki

### **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 2017-18).

*Prerequisite:* Chemistry 342 or 366; or 210 & consent of instructor.

.5 to 1 unit

### **EV311** Water: Hydrology, Aquatic, Chemistry, and Ecology

Introduction to the geochemical, physical hydrological, and biological properties of water systems at the level of a watershed. Applies principles of surface hydrology, aquatic, ecology, redox and acid-base chemistry, field sampling and experimental design. Includes a significant field and laboratory component. May meet either the Critical Perspectives: Scientific Investigation of the Natural World or Scientific Investigation of the Natural World lab or field requirement.

*Prerequisite:* Environmental Program 212 and Environmental Program 228 (or equivalent) and Geology 140 (or Geology 130), and Biology 208 or Environmental Program 209 required.

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 — Barriquand

### **EV321** Environmental Management

Focuses on strategies used for the management of humankind's interaction with, and impact upon, the environment. Case studies will allow students to analyze and apply the precautionary principle, environmental assessment, environmental management systems, and planning as strategies of environmental management.

*Prerequisite:* Environmental Program 128 and Environmental Program 271 or Environmental Program 128 and consent of instructor.

1 unit — Harris, Lee

### **EV331** Introduction to Ecology and Conservation in Tanzania

(Not offered 2017-18).

.5 unit

### **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 2017-18).

*Prerequisite:* Political Science 200 or Environmental Program 271 recommended.

1 unit

### **EV335** Environmental Economics

Introduction to atmospheric circulation, radiation transfer and the resulting climates of the world: thermodynamics and radiation balance as they determine the vertical structure of the atmosphere and regulate the surface temperature, role of water vapor and trace gasses in the global greenhouse effect, dynamics of the troposphere, evidence for climate change.

*Prerequisite:* Economics 150 (or Economics 151 & 152).

1 unit — Smith

### **EV341** 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. It includes fieldwork and may involve additional expense \$\$\$\$. Students may choose to take this course for credit either in Economics (EC 341) or Environmental Studies (EV 341) if they meet the necessary prerequisite in either department/program. (Fulfills one unit of the divisional requirement in the Social Sciences but not in the Natural Sciences.) May also count as a course within the Macroeconomics/International Theme

*Prerequisite:* Economics 141/EV 141 and Economics 201.

1 unit — Lee

### **EV348** Economics of the Environment

(Not offered 2017-18).

.5 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 2017-18).

1 unit

### **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.)

*Prerequisite:* Political Science 200 or consent of instructor.

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

**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 2017-18).

*Prerequisite:* Education 120 and Education 225.

1 unit

**EV393** Independent Research in Environmental Science

.5 unit — Kummel

**EV420** Senior Paper

The Senior Paper is based on a critical assessment of an environmental issue from a scientific, social scientific, or humanistic perspective, and will include consideration of ten or more published works from the peer-reviewed literature. This topic may be related to a past research experience, internship, or coursework. This capstone experience will result in a significant paper, critically evaluating these readings, and an oral or poster presentation. The final presentation will be given to the EV Program as part of the Senior Seminar requirement.

*Prerequisite:* Senior standing and consent of instructor.

1 unit — Kannan

**EV421** Environmental Synthesis

Research projects that focus on cross-disciplinary, cooperative learning experiences involving current problems from the regional community. Individual and team review of the current literature, culminating in a substantial written report.

*Prerequisite:* Environmental Program 321.

1 unit — Cornelius, Kummel

**EV431** 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. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

*Prerequisite:* Environmental Program 212 or Chemistry 108 and Physics 241 or Physics 251.

1 unit — Gratz

#### **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 2017-18).

*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 2017-18).

*Prerequisite:* Environmental Program 322 or consent of instructor.

.25 to .5 units

#### **EV493** Independent Research in Environmental Science

1 unit — Barnes, Fricke, Kummel

#### **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 — Barnes, Drossman, Gratz, Kohout

## **Feminist and Gender Studies**

*Applicable for the 2017-2018 academic year.*

**Feminist and Gender Studies Website (<http://www.coloradocollege.edu/academics/dept/feministandgenderstudies/>)**

Associate Professor WATERS (Director); Assistant Professor LEWIS (Associate Director); Assistant Professor GUESSOUS

Feminist and gender studies is the academic study of gender and sexuality from a feminist, interdisciplinary, and intersectional perspective. The discipline arose in the 1960s and 1970s due to the efforts of those committed to the student, civil rights, and women's movements. During the early developments, the major concern of our field was incorporating gender into existing theoretical and critical lenses, because women's voices were underrepresented in the academy. Over the years, however, our intellectual endeavors have evolved, expanding our theories and critical practices to include interrogations of power, inequality, and privilege along the lines of sexuality, race, ethnicity, socioeconomic status, age, religion, physical embodiment, and other social markers. For these reasons, our scholarly endeavors necessitate interdisciplinary and transdisciplinary approaches that advance pedagogical, scholarly, and activist collaboration both within and outside of the academy. Hence, our program, like our discipline, remains invested in eradicating inequality and privilege in our local, national, and global communities whether or not they are explicitly academic.

## Major Requirements

Students seeking to major in feminist and gender studies must complete 12 units, including a senior capstone project. Please note that only one unit of a thematic minor may also be counted toward each of the student's majors. Only three units of one major may also be counted toward another major. No unit of any minor may be counted toward another minor.

- FG110 Introduction to Feminist and Gender Studies
- FG200 Feminist Theory
- FG311 Critical Feminist Methodologies
- FG404 Senior Project
- FG405 Senior Seminar
- Electives (7 Units)

### Major Checklist

## Minor Requirements

Students seeking to minor in feminist and gender studies must complete six units. Please note that only one unit of a thematic minor may also be counted toward each of the student's majors. Only three units of one major may also be counted toward another major. No unit of any minor may be counted toward another minor.

- FG110 Introduction to Feminist and Gender Studies
- FG200 Feminist Theory
- FG311 Critical Feminist Methodologies
- Electives (3 Units)

### 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 2017-18).

1 unit

#### **FG110** Introduction to Feminist and Gender Studies

An interdisciplinary critique and historical examination of the origins of patriarchy in Western culture. Emphasis will also be given to the impact of women on the growth of knowledge and the organization of society. Required for the major. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Kumar, 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. (Not offered 2017-18).

1 unit

#### **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 2017-18).

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 2017-18).

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 2017-18).

*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.

1 unit — Waters

**FG182** Prejudice and Intergroup Relations

(Not offered 2017-18).

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 2017-18).

*Prerequisite:* Art History 112 or a Feminist & Gender Studies course.

1 unit

**FG206** Topics in Feminist and Gender Studies:

Focuses on contemporary areas of concern. Courses will vary from year to year. .5 or 1 unit

1 unit — Carrico, Coleman, Dantzer II, Ehrlich

**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 2017-18).

*Prerequisite:* Feminist & Gender Studies 110 or Race, Ethnicity, & Migration 185.

1 unit

**FG211** Where My Girls At?: Gender & Sexuality in Hip Hop

This course allows students to explore the ways that gender and sexuality are constructed in hip hop, particularly the oft-discussed sexism, misogyny, and heterosexism found in mainstream hip hop culture. We will also discuss the many impetuses for, implications of, and possible challenges to these constructions Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2017-18).

.5 to 1 unit

**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.

1 unit — Lewis

**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.

*Prerequisite:* consent of instructor & Taught in Germany.

1 unit — Lewis

**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 2017-18).

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 2017-18).

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.

1 unit — Guessous

**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? (Not offered 2017-18).

.5 or 1 unit

**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 2017-18).

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 2017-18).

.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 2017-18).

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 Chrysostom and Claudian. Attention will also be given to representations of women and imperial families in art and statuary. (Not offered 2017-18).

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.

1 unit — Grace

**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 2017-18).

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 2017-18).

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 2017-18).

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 2017-18).

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 2017-18).

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 2017-18).

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 2017-18).

*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. (Not offered 2017-18).

1 unit

**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 2017-18).

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 2017-18).

1 unit

**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.

1 unit — McEnerney

**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 2017-18).

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 2017-18).

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 2017-18).

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 2017-18).

*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 2017-18).

*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 — Kumar

**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.

1 unit — Love

#### **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 2017-18).

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 2017-18).

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 2017-18).

1 unit

#### **FG284** Feminist Philosophies

(Not offered 2017-18).

*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 2017-18).

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. (Not offered 2017-18).



*Prerequisite:* Feminist & Gender Studies 110, Feminist & Gender Studies 200, or consent of instructor.

.5 or 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 2017-18).

*Prerequisite:* any 200-level Sociology course and Consent of Instructor.

1 unit

**FG304** Studies in European Social History:

(Not offered 2017-18).

**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 2017-18).

1 unit

**FG308** Advanced Topics in Feminist & Gender Studies

Focuses on a problem, topic, or issue relevant to feminist and gender studies at the advanced level. Courses and instructors will vary from year to year

*Prerequisite:* Feminist & Gender Studies 110, Feminist & Gender Studies 200, or consent of instructor.

1 unit — Evitt, Figueroa, Kumar

**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. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2017-18).

*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 2017-18).



*Prerequisite:* 110 or consent of instructor.

1 unit

**FG311** Critical Feminist Methodologies

Feminist research is distinguished by its commitment to the production of knowledge toward emancipation from subordination and oppression. This course will investigate the social commitments of feminist research, while critiquing traditional research methodologies that often reproduce injustice and rationalize inequalities. Taught by professors from each of the three divisions of the college, students will apply feminist lenses of critique to a wide array of scholarship. Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* Any discipline-based research methods course (see FGS website for list of courses) or consent of instructor.

1 unit — Guessous, Wood

**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. (Not offered 2017-18).

*Prerequisite:* Feminist & Gender Studies 110, Feminist & Gender Studies 200, or consent of instructor.

1 unit

**FG313** Social History of Dance: The Birth of Mod Dnc in Am and Abrid

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 2017-18).

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 2017-18).

*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 2017-18).

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.

1 unit — Lewis

**FG318** Transnational Feminist and Queer Politics

An introduction to the transnational study of feminist and queer politics that explores the geopolitics, uneven power relations, normative assumptions and exclusions that go into the making of feminist and LGBTQ 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 and queer 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 and queer politics transnationally. Meets the Critical Perspectives: Global Cultures requirement.

*Prerequisite:* Feminist & Gender Studies 110, Feminist & Gender Studies 200, or consent of instructor.

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, Feminist & Gender Studies 200, or consent of instructor.

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 2017-18).

2 units

**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 2017-18).

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 2017-18).

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 2017-18).

*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 — Lewis

**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

**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 2017-18).

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 2017-18).

*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 2017-18).

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 2017-18).

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.

*Prerequisite:* Religion 160 or Religion 170 or consent of instructor.

1 unit — Coleman

**FG357** Women in Hinduism & Buddhism

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2017-18).

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 2017-18).

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 2017-18).

*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 2017-18).

*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 2017-18).

*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 2017-18).

1 unit

**FG404** Senior Project:

This independent study on a topic of the student's choice must result in a completed draft of the senior capstone project. The project may take the form of a community-based internship, an activist project committed to social transformation, a research project, a creative project and/or performance, an off-campus program (with approval), or a combination of the above that problematizes an issue in feminist and gender studies. No matter the project, the student must produce a completed written draft of his/her senior capstone paper

*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** Senior Seminar

Students will conduct peer reviews, revise drafts, and develop oral presentations of their senior papers. Students will also select, examine, and discuss historical and contemporary theoretical feminist texts in order to more effectively contextualize their projects.

*Prerequisite:* Feminist and Gender Studies major; senior status; Feminist & Gender Studies 404; consent of instructor.

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 2017-18).

*Prerequisite:* Any FG course or consent of instructor.

.5 unit

**FG415** French Feminist Theory

(Not offered 2017-18).

*Prerequisite:* Feminist & Gender Studies 110 or consent of instructor.

1 unit

## Film and Media Studies

*Applicable for the 2017-2018 academic year.*

**Film and Media Studies Website** (<http://www.coloradocollege.edu/academics/dept/filmandnewmedia/>)

Assistant Professors HASKELL, KRZYCH, NELSON; Professor SARCHETT (Director)

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 (14 Units)**

#### **Core Courses (3 units)**

FM101 Introduction to Film Studies

FM102 Basic Filmmaking

FM201 Media Theory and Cultural Studies

#### **Genre and History (2 units)**

FM300 Film History and Theory

*And one of the following:*

FM200 Topics in Film Genre and History

TH/DA228 Experimental and Expanded Cinema

FS232 The Films of Alfred Hitchcock

FS244 American Film Comedy

FM330 On Location: Hollywood

#### **Interdisciplinary Arts (1 unit)**

AS220 Photography

EN225 Introduction to Shakespeare

EN250 Introduction to Literary Theory

EN283 Beginning Fiction Writing

EN285 Beginning Creative Nonfiction Writing

FM212 Writing for Performance

FM115 Fundamentals of Theatrical Design (also TH110 Fundamentals of Performance Design)

FM216 Video Dance

FM304 Shakespeare's Tragedies on Film

MU235 Stage to Screen

MU301 Music Composition

TH101 Acting I: Introduction

TH206 Directing

**Form and Filmmaking (2 units)**

FM202 Screenwriting

FM210 Topics in Filmmaking

FM302 Advanced Filmmaking

FM240 Directing the Fiction Film

FM260/360 The CC Film Institute (1 unit of Form & Filmmaking credit + 1 unit of Elective credit)

FM310 Advanced Topics in Filmmaking

FM312 Documentary Form and Filmmaking

**Advanced Media Theory (1 unit)**

FM301 Advanced Theory and Research Methods

**Electives (3 units, no more than two of which may be at the 100 level)**

AH112 Introduction to Art History (1 unit of FM credit only)

AS102 Introduction to Two-Dimensional Arts

AS115 Basic Graphics

AS116 Introduction to Digital Practices

AS226 Book and Book Structure

AS317 Advanced Photography

EN275 The Graphic Novel

EN286 Topics in Creative Writing

FM103 Art and Society

FM105 Creativity: Theory and Practice

FM203 Media and Psychoanalysis

FM205 Topics in Film and Media Studies

FM208 Aesthetics

FM214 Intermediate Performance Design

FM215 Independent Work in Film and Media Studies

FM217 Introduction to Journalism

FM218 New Media, Ethics, and Journalism

FM225 Topics in Media Practice

FM250 Videogames, Aesthetics, Culture

FM303 Philosophy of Technology

FM305 Advanced Topics in Film and Media Studies

FM307 Queer Performance and Body Politics

FM315 Advanced Independent Work in Film and Media Studies

TH/DA218 Costume Design

TH/DA326 Performance Studies

*Any courses from the film and media studies major categories (Genre and History, Interdisciplinary Arts, Form and Filmmaking) and any FM-numbered or cross-listed courses may be taken for elective credit. No more than two independent study courses may be counted toward the major.*

### **Thesis (2 units)**

FM400 Independent Film, Filmmaking, and the Sundance Film Festival *or* FM405 Senior Seminar

FM401 Senior Project: Independent Thesis (Essay) *or* FM402 Senior Project: Independent Thesis (Film)

*Senior thesis projects must be proposed in writing during the spring of the junior year. To make a fiction film for the thesis, an approved FM course in writing for the screen *or* FM 202 (Screenwriting) **and** FM 302 (Advanced Filmmaking) are required and must be completed before the senior year. To make a documentary film for the thesis, an approved course in documentary filmmaking *or* FM 312 (Documentary Form and Filmmaking) **and** FM 302 (Advanced Filmmaking) are required and must be completed before the senior year. To write a screenplay for the senior thesis, FM 202 (Screenwriting) **and** another approved course in creative prose writing are required and must be completed before the senior year.*

## **Courses**

### **Film and Media**

#### **FM101** Introduction to Film Studies

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.

1 unit — Butte, Krzych, Sarchett

#### **FM102** Basic Filmmaking

1 unit — Lowen, Nelson, Sturman

#### **FM103** Art and Society

(Not offered 2017-18).

1 unit

#### **FM105** Creativity: Theory and Practice

(Not offered 2017-18).

1 unit

#### **FM115** Fundamentals of Theatrical Design

(Not offered 2017-18).



1 unit

**FM116** Computer Science I

(Not offered 2017-18).

1 unit

**FM200** Topics in Film Genre and History

Studies the form of a single film genre, auteur, or historical era and its development over time. Possible genres include science fiction, horror, the musical, melodrama, documentary, comedy, and “independent” film, among others. May include studies of specific auteurs or of national cinemas beyond the US.

1 unit — Butte, Karlekar, O’Riley, Platt

**FM201** Media Theory and Cultural Studies

Examines contemporary media and its effects on our understanding and experience of culture and society. In-depth reading of influential theories in the disciplines of contemporary film and media theory, Cultural Studies, and technology studies, as well as close analysis of visual media (television, film, web pages, and interactive technology). Group projects and analytical writing assignments will emphasize both formal and ideological analysis of media.

1 unit — Karlekar

**FM202** 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.

1 unit — Nelson

**FM203** Media and Psychoanalysis

Considers the status of desire and subjectivity in the contemporary media landscape, a setting in which failure often has become a new means for success. How can we judge the aesthetic value of contemporary media when failure may ensure, rather than prevent, profitability? Is there any possibility for an ethics of media when nothing is off limits? To what extent can the psychoanalytic concept of desire be applied to and extended by the aesthetics of new media? (Not offered 2017-18).

1 unit

**FM205** Topics in Film and Media Studies:

1 unit — Chavez, Holst, Hughes, Karlekar

**FM206** Topics in Film and Media Studies

(Not offered 2017-18).

1 unit

**FM208** Aesthetics

(Not offered 2017-18).

1 unit

**FM210** Topics in Filmmaking:

1 unit — Behrens

**FM212** Writing for Performance

1 unit — Goodwin

**FM214** Intermediate Performance Design

(Not offered 2017-18).

*Prerequisite:* Drama 110 or consent of instructor.

1 unit

**FM215** Independent Work in Film and Media Studies

(Not offered 2017-18).

.5 to 1 unit

**FM216** Video Dance

1 unit — Herminjard

**FM217** Introduction to Journalism

(Not offered 2017-18).

1 unit

**FM218** New Media, Ethics, and Journalism

(Not offered 2017-18).

1 unit

**FM225** Topics in Media Practice

Study and practice of forms of media-making beyond film and video. Possible topics include interactive storytelling, radio journalism, podcasting, and new media, among others. Includes critical reading and writing with an emphasis on applied projects

1 unit — Breslow, Chavez, Hayward

**FM240** From Script to Screen: Directing the Fiction Film

Examines the processes of taking a script to screen. Students develop, cast, plan, direct, and edit short fiction films based on extant material, working in collaborative teams and alternating crew roles. Topics addressed include writing for the screen; story analysis; the role of directorial vision; casting; working with actors; cinematic language and shot design; camera, lighting, sound; production design and mise-en-scène; and editing theory and practice. The course culminates in an evening screening of the student films. (Not offered 2017-18).

1 unit

**FM250** Videogames, Aesthetics, Culture

Examines the various ways in which videogames intersect with and borrow from other modes of play, performance and artistic/cultural/political expression. Begins with a survey of videogames history and the major concepts and debates surrounding the emerging field of game studies. Then considers the aesthetic intersections between videogames and cinema, both in popular forms of 'machinima' and in more experimental practices. Finally, examines the various ways in which videogames operate throughout popular culture: in the emerging field of 'persuasive' or political games, as allegories of digital culture, and as agents in the development of individual and collective identity. (Not offered 2017-18).

1 unit

**FM300** Film History and Theory

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.

*Prerequisite:* Film and Media Studies 101.

1 unit — Simons

**FM301** Advanced Theory and Research Methods

In-depth study of contemporary theoretical approaches to film, media, or technology. Topics vary from year to year. Course assignments place special emphasis on analytical writing and scholarly research.

*Prerequisite:* Film and Media Studies 300.

1 unit — Krzych

**FM302** Advanced Filmmaking

Activates theoretical and practical aspects of creative collaboration within the discipline of Film and New Media Studies. Includes immersion in aesthetics, philosophy, history, and collaborative strategies to create an integral final group public performance. Utilizes a process of conceptualization and experimentation to discover which elements (visual, kinesthetic, audio, textual, electronic, real time, and spatial) lend themselves to a unified collaborative work of art in Film and New Media Studies.

1 unit — Haskell

**FM303** Philosophy of Technology in Film and New Media Studies

Explores the ways in which technology serves as a compromise between mind and matter. Technology may begin as an idea in the mind of an inventor, but technologies only come into existence through unpredictable processes that involve historical, cultural, and environmental limitations. In those moments when technology begins to operate unpredictably, independently of its inventors or intended purposes, it opens up possibilities for philosophical insights into culture, society, and human subjectivity. Investigates examples in film and new media, including cybernetics, special effects, digital cinema, and virtual reality. (Not offered 2017-18).

1 unit

**FM304** Shakespeare's Tragedies on Fil

(Not offered 2017-18).

1 unit

**FM305** Advanced Topics in Film and Media Studies:

(Not offered 2017-18).

1 unit

**FM307** Queer Performance and Body Politics

(Not offered 2017-18).

1 unit

**FM310** Advanced Topics in Filmmaking:

Work in specific genres or with specific techniques of film and video making for advanced students.

*Prerequisite:* Film and Media Studies 102.

1 unit — Haskell, Pray

**FM312** Documentary Form and Filmmaking

Students create their own short documentaries while examining the history, codes, and conventions of the feature documentary film. Topics include narrative techniques, questions of form and genre, documentary ethics, interview methods, documentary cinematography, archival imagery, fair use/copyright, and editing rhythm and pacing, among others. Student documentaries are showcased in an end-of-course screening. (Not offered 2017-18).

*Prerequisite:* Film and Media Studies 102.

1 unit

**FM313** Advanced Video Art

(Not offered 2017-18).

1 unit

**FM315** Advanced Independent Work in Film and Media Studies

1 unit

**FM330** On Location: Hollywood

Provides a hands-on overview of the history and of the creative, technological, aesthetic and business practices of the Hollywood entertainment industry, from its inception through the present day. Taught in Los Angeles.

*Prerequisite:* consent of instructor.

1 unit — Haskell

**FM400** Independent Film, Filmmaking, and the Sundance Film Festival

Upper-level intensive seminar course engages film theory, history, and practice through the lens of the Sundance Film Festival. A week of intensive screening and discussion at Sundance inspires further critical and creative work on campus, with an emphasis on collaborative practices.

*Prerequisite:* consent of instructor.

1 unit — Nelson

**FM401** Senior Project: Independent Thesis (Essay)

Advanced study of a topic, chosen by the student and approved by the program, with student research and writing directed by an individual faculty member. The essay may take the form of a traditional, written essay or a video essay

*Prerequisite:* Film Studies 315 or Film and Media Studies 301.

1 unit

**FM402** Senior Project: Independent Thesis (Film)

Advanced project, chosen by the student and approved by the program, with student work directed by an individual faculty member, culminating in a short fiction film, short documentary film, or screenwriting project, accompanied by a written critical analysis.

1 unit — Haskell, Nelson

**FM405** Senior Seminar

Topics vary from year to year. May include preliminary work on the senior thesis project, including research, bibliography, and individual and group screenings in film/media relevant to the thesis. (Not offered 2017-18).

1 unit

## **French**

*Applicable for the 2017-2018 academic year.*

**French Website** (<http://www.coloradocollege.edu/academics/dept/french-italian/>)

Associate Professors: A. TALLANT (chair), I. WADE, M. O'REILLY; Visiting 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 at the Keck Humanities Laboratory upon their arrival at the college.

## Major Requirements

### French

A student majoring in French has two French major options:

1. French and Francophone Studies
  - a. all required courses: 305, 306, 431 and 432
  - b. six literature or culture courses at the 300-levelTOTAL: 10 units
2. Romance Languages (French Major; Second language focus in Spanish or Italian)
  - a. all required courses: 305, 306, 431 and 432
  - b. three literature or culture courses at the 300-level;Courses for second language focus in SPANISH:
  - c. 305 and two Spanish culture or literature courses.
  - d. elementary or more advanced Italian, Portuguese, or Latin.Courses for second language focus in ITALIAN:
  - c. 305 and two additional Italian courses from 304, 306, 309, 315, 316, 320, 321.
  - d. elementary or more advanced Spanish, 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, 306 and two 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.

### Program Abroad

In addition to the courses taught on the Colorado College campus, the Department of French and Italian sponsors a semester program in France during Blocks 5-8 with a ten-day orientation in Paris during half-block. The program is open to all students who have completed French 102 or the equivalent, or have the consent of the program directors. See the department for a full description of the program.

## 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. Note: In order to fulfill the all-college language requirement, students must take FR102.

1 unit — Diop, Tallent

### **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 — Porter

### **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 — Dia

### **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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

*Prerequisite:* First Year Experience Course.

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. Note: FR202 must also be taken in order to fulfill the language requirement for graduation or to continue into 300-level French courses.

*Prerequisite:* French 102 or equivalent.

1 unit — Diop

### **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 — Porter

### **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 — Dia

**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 2017-18).

2 units

**FR300** Orientation French Program (taught in France)

Taught in France. (Not offered 2017-18).

*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 — Porter

**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 — Dia

**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 — Tallent

**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 — Wade

**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

**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 — Lee, McEnnerney, O'Riley, 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 — Diop, O'Riley, Wade

**FR318** Theatre and Performance in French

Explores theatre as a literary genre and as a form of communication. Students study texts by major French and Francophone playwrights such as Racine, Moliere and Ionesco and (when possible) adapt them for a campus performance in French. (Not offered 2017-18).



*Prerequisite:* French 306 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 — Tallent

**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 2017-18).

*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 2017-18).

*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 2017-18).

*Prerequisite:* French 306, or 307, or 308 or consent of instructor.

1 unit

**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 2017-18).

*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 — Wade

**FR432** Senior Thesis

Intensive writing and supervised revision of senior thesis with oral defense

*Prerequisite:* French 431.

1 unit — Wade

## Geology

*Applicable for the 2017-2018 academic year.*

**Geology Website** (<http://www.coloradocollege.edu/academics/dept/geology/>)

Professors H. FRICKE; E. LEONARD, P. MYROW, J. NOBLETT (Chair), C. SIDDOWAY, Visiting Professors W. LEVANDOWSKI and R. JACOBSEN

### 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 — Siddoway

#### **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 2017-18).

.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

#### **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 2017-18).

*Prerequisite:* No credit after Geology 140.

1 to 2 units

**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 — Fricke, Leonard, Levandowski, Myrow

**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.

1 unit — Noblett

**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 2017-18).

*Prerequisite:* Geology 130 or 140, and Chemistry 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 — Noblett

**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 — Leonard, Levandowski

### **GY230** Volcanology

Volcanic types, processes and products. Volcanic hazards and prediction. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2017-18).

*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.

*Prerequisite:* Geology 130 or 140 and one 200-level GY course.

1 unit — Levandowski

### **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.)

*Prerequisite:* Geology 130 or 140.

1 unit — Ingram, Leonard

### **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 2017-18).

*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.

.5 to 1 unit

### **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.

*Prerequisite:* Mathematics 125 or Mathematics 126, Physics 141 or Physics 241, and Geology 210 or Geology 212 or consent of instructor.

1 unit — Levandowski

### **GY310** Igneous Petrology

Classification, modes of occurrence and origin of igneous rocks.

*Prerequisite:* Geology 210 or Geology 211 and Chemistry 107.

1 unit — Noblett

### **GY313** Metamorphic Petrology

Classification, modes of occurrence and origin of metamorphic rocks. Emphasis is on field relations and thin section work. (Not offered 2017-18).

*Prerequisite:* Chemistry 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 — Siddoway

### **GY316** Field Analysis of Geological Structures

Techniques of field and laboratory analysis of deformed rocks. Geological mapping in metamorphic and sedimentary terrains. (Not offered 2017-18).

*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 — Leonard

### **GY321** Glacial Geology

An introduction to glaciology and glacial geomorphology. Course also examines the nature, history, and causes of Quaternary glaciation.

*Prerequisite:* Geology 260 or 320 or consent of instructor.

1 unit — Leonard

### **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.

*Prerequisite:* Geology 210 or Geology 211 and Chemistry 107.

1 unit — Fricke

### **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. (Not offered 2017-18).

*Prerequisite:* depending on topic.

1 unit

### **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. (Not offered 2017-18).

*Prerequisite:* Senior Geology Major.

1 unit

### **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.)

*Prerequisite:* consent of instructor.

1 unit — Fricke, Leonard, Myrow, Noblett

### **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 — Levandowski, Siddoway

## **German**

*Applicable for the 2017-2018 academic year.*

**German Website (<https://www.coloradocollege.edu/academics/dept/german/>)**

Associate Professor DAVIS; Assistant Professor STECKENBILLER; Visiting Assistant Professor 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

#### **GR101** Elementary German (I)

An introductory German language course with emphasis on four basic skills--reading, writing, speaking and listening comprehension.

1 unit — Meyer, 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 — Meyer

#### **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 — Laviolette

#### **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 — Laviolette

#### **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. Meets the Critical Perspectives: The West in Time requirement.

1 unit — Hernandez-Lemus, Lisiecki, Steckenbiller

**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. Can be taken as a single block course but must be taken with GR120 to fulfill the West in Time requirement. Meets the Critical Perspectives: The West in Time requirement.

1 unit — Lewis

**GR200** German Language

1 unit — Lisiecki, Steckenbiller

**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:* 101 or equivalent.

1 unit — Lisiecki, Steckenbiller

**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 — Meyer

**GR205** German Skill Maintenance

Maintenance of language proficiency for students at the advanced intermediate level or higher.

*Prerequisite:* German 201.

.25 unit — Laviolette

**GR206** German Skill Maintenance

Maintenance of language proficiency for students at the advanced intermediate level or higher.

*Prerequisite:* German 201.

.25 unit — Laviolette

**GR209** German Theatre Workshop

Participation in performance and production aspects of a German play. Presented in the German language. Rehearsal time: 6-8 weeks.

.25 unit

**GR210** German Film from its Beginnings to 1945

An introduction to the development of German cinema and its contribution to the history of film. Discussions will focus on prevalent themes, film aesthetics, genres and gender roles in a socio-political context. Viewed will be classics of the silent screen by such legendary filmmakers as Lubitsch, Murnau, and Pabst. Secondly, masterpieces of the early German sound-film by directors such as Sternberg, Lang and Sagan and finally the ambiguities of the Nazi

propaganda and entertainment films by Riefenstahl and Harlan. Readings and discussions are in English. All films have English subtitles. (Offered alternate years.) No prerequisites. (Not offered 2016-17).

1 unit

**GR211** German Film since 1945

A study of German cinema of the post-war era, including more contemporary films. Discussions and films shown will reflect the concerns of a younger generation of filmmakers, including coming to terms with the legacy of the Third Reich in such films as 'The Murderers are Amongst Us,' 'The Tin Drum,' and 'The Nasty Girl,' the 'New German Cinema' of Fassbinder, Wenders and Herzog; and alternative points of view by women and gay filmmakers such as Dorrie, von Trotta and von Praunheim. Readings and discussions are in English. All films have English subtitles. (Offered alternate years.) No prerequisites. (Not offered 2016-17).

1 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, Lisiecki, Meyer

**GR229** The German Democratic Republic

An overview of historical, political and cultural developments from the end of World War II to the unification of the German states in 1990, with consideration of important works of literature and film in the context of Marxist cultural politics. No prerequisite. Readings and discussion in English. (Not offered 2016-17).

1 unit

**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 — Lisiecki, Steckenbiller

**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.)

*Prerequisite:* 305 or equivalent.

1 unit — Steckenbiller

**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.

.5 to 1 unit

**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

**GR314** German Culture & Institutions

The German-speaking countries. An introduction to the culture and institutions of the German states. (Offered in Luneburg only.) (Not offered 2016-17).

*Prerequisite:* 306 or equivalent.

1 unit

**GR315** Survey of German Literature and Culture I

Major developments in German life and letters from the Middle Ages through Classicism, with special attention to antecedents in classical antiquity and significant parallel developments in other European literatures. Works from early periods read in English or New High German. (Not offered 2016-17).

*Prerequisite:* 305 or equivalent. Must take 315 and 316 for CP:W credit.

1 unit

**GR316** Survey of German Literature and Culture II

Major developments in life and letters of the German-speaking countries from Romanticism to the present. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2016-17).

*Prerequisite:* 305 or equivalent. Must take 315 & 316 for CP:W credit.

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, Lisiecki, Meyer

**GR327** German Literature from 1918 to 1945

Literature of the Weimar Republic, the Third Reich and works by writers in exile. Selections from Brecht, Thomas and Heinrich Mann, Hesse, Kafka, et. al. (Not offered 2016-17).

*Prerequisite:* 305 or equivalent.

1 unit

**GR328** German Literature since 1945:

Literature from the Federal Republic, Austria and Switzerland with focus on topics such as the Nazi past and problems associated with economic and political growth in the post-war period. (Offered alternate years.) Meets the Critical Perspectives: Social Inequality requirement.

*Prerequisite:* 305 or equivalent.

1 unit — Steckenbiller

**GR334** German Literature at the Turn of the Century

A discussion of the fin de siecle. The literature of Naturalism, Impressionism and early Expressionism as the basis for an investigation of society in the German and Austro-Hungarian Empires. (Offered alternate years.)

*Prerequisite:* 305 or equivalent.

1 unit

### **GR335** Realism

German literature in the mid- to late-19th century. Reading selections from Buchner, Kleist, Storm, Fontane and other major writers. (Offered alternate years.) (Not offered 2016-17).

*Prerequisite:* 305 or equivalent.

1 unit

### **GR336** German Romanticism

Representative German writers of the Romantic movement such as Tieck, Novalis and Hoffmann, with attention to underlying philosophical and social trends. (Offered alternate years.) (Not offered 2016-17).

*Prerequisite:* 305 or equivalent.

1 unit

### **GR347** The Age of Goethe

Readings selected from the dramas, prose fiction, poetry and critical writings of Goethe, Schiller, Lessing, et al., from the late 18th century into the early 19th century. Reflections on developments in German literature in the periods generally designated as Enlightenment, Storm and Stress, and Classicism.

*Prerequisite:* German 305 or equivalent.

1 unit — Davis

### **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 — Steckenbiller

## **History**

*Applicable for the 2017-2018 academic year.*

**History Website (<http://www.coloradocollege.edu/academics/dept/history/>)**

Professors ASHLEY, BLASENHEIM, MONROY (Chair), NEEL, RAGAN, ROMMEL-RUIZ; Associate Professors MURPHY, WILLIAMS; Assistant Professors KOHOUT, MEHTA, RATCHFORD; PIÑA (Riley Scholar-in-Residence); SMITH (Visiting Assistant Professor)

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

## 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.

2 units — Ashley

#### **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. Meets the Critical Perspectives: The West in Time requirement.

2 units — Smith

### **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 2017-18).

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 — Kohout, Mehta, Monroy, Neel

### **HY115** Survey in Latin American

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. May meet either the Critical Perspectives: Global Cultures or The West in Time requirement. (Not offered 2017-18).

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). Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

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 2017-18).

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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

2 units

**HY200** Topics in History:

Selected topics in the study of history. Specific content and emphasis to be determined by the instructor.

.5 or 1 unit — Ashley, Chandrani, Golightly, Grace

**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. (Not offered 2017-18).

1 unit

**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. (Not offered 2017-18).

1 unit

**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 2017-18).

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 2017-18).

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 — Kohout

**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 2017-18).

*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 — Wise

**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 2017-18).

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 2017-18).

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 2017-18).

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.

1 unit — Blasenheim

**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.

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. (Not offered 2017-18).

1 to 2 units

**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.

1 unit — Williams

**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. (Not offered 2017-18).

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. (Not offered 2017-18).

1 unit

**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. (Not offered 2017-18).

2 units

**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. (Not offered 2017-18).

2 units

**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 2017-18).

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.

1 unit — Rommel-Ruiz

**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. (Not offered 2017-18).

1 unit

**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 2017-18).

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 2017-18).

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 — Monroy

**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.

1 unit — Blasenheim

**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 — Blasenheim

**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 — Pina

**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.

1 unit — Pina

**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.

1 unit — Pina

**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 2017-18).

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 2017-18).

*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.

1 unit — Ratchford

**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

### **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.

1 unit — Williams

### **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 2017-18).

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.

1 unit — Ashley

### **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 2017-18).

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. (Not offered 2017-18).

1 unit

### **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.

1 unit — Murphy

### **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 2017-18).

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 2017-18).

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 2017-18).

1 unit

**HY270** The New South: Modernity,

1 unit — Rommel-Ruiz

**HY274** Making Europe: Medieval Culture and the Framing of European Identity

Social structures, ritual communities, and political developments from the close of Mediterranean antiquity to the Black Death of the fourteenth century, with special attention to how Europeans began in this period to understand and characterize their experience as shared. Readings centering in contemporary historical, literary, and religious texts, discussed in light of differing interpretations of the relationship between medieval and modern Europe's.

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 2017-18).

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 2017-18).

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 2017-18).

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 2017-18).

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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

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 2017-18).

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.

1 unit — Smith

### **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 — Cramer

### **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 2017-18).

.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.

*Prerequisite:* Consent of Instructor.

1 unit — Rommel-Ruiz, 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. (Not offered 2017-18).

1 unit

**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. (Not offered 2017-18).

1 unit

**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 2017-18).

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 2017-18).

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 2017-18).

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 — Lee, Murphy

**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 2017-18).

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 2017-18).

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 2017-18).

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 2017-18).

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 — Ashley, Williams

**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 2017-18).

*Prerequisite:* consent of instructor & Declared Major.

.5 unit

**HY409** Directed Readings in History:

*Prerequisite:* consent of instructor & 3 units of History.

.5 to 2 units



### **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 — Kohout, Rommel-Ruiz

### **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 — Kohout, Rommel-Ruiz

### **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

### **HY430** Senior Thesis

*Prerequisite:* 399, 410, consent of instructor, senior standing.

1 unit — Neel

### **HY431** Senior Thesis

Directed reading and preparation of a thesis.

*Prerequisite:* 399, consent of instructor, senior standing.

1 unit — Neel

## **History-Philosophy**

*Applicable for the 2017-2018 academic year.*

**History-Philosophy Website** (<http://www.coloradocollege.edu/academics/dept/history/>)

Professors ASHLEY, HOURDEQUIN, J. LEE, McENNERNEY, NEEL, RAGAN

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 2017-2018 academic year.*

Advisers: Professors BLASENHEIM, HENDRICKSON, LEE, LINDAU, and MURPHY

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 American Politics, 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.

#### **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.**

## **Human Biology and Kinesiology**

*Applicable for the 2017-2018 academic year.*

**[Human Biology and Kinesiology Website \(http://www.coloradocollege.edu/academics/dept/humanbiologykinesiology/\)](http://www.coloradocollege.edu/academics/dept/humanbiologykinesiology/)**

Chair ERDAL (Professor, Psychology); Professor JACOBS; Associate Professor BULL; Lecturer MISKA; Visiting Professor ANDERSON

The Department of Human Biology and Kinesiology is committed to academic excellence in the classroom and laboratory. We strive to increase students' knowledge of the structure and function of the human body through our applied courses including cadaver-based human anatomy, human physiology, exercise physiology, and human nutrition. All of our courses include hands-on laboratory experiences and/or student centered data analysis, which allows students to explore how course topics are relevant in their own lives.

We aim to increase opportunities for students through our integration with departments throughout the college, exercise physiology research experiences, opportunities to attend regional and national conferences, and our international seminar course which explores research facilities across Scandinavia. Combining our courses with others throughout the college, students may fulfill prerequisite requirements for graduate work in kinesiology, exercise or sport science, or health professions such as physical therapy and medicine.

Currently the department does not offer a major, but is dedicated to supporting students in achieving their academic goals by now offering a minor.

#### **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 (previously taught HK 206 will fulfill this requirement)

**And any two additional units in human biology and kinesiology, including:**

HK125 – Introduction to Human Nutrition

HK130 - Fundamentals of Kinesiology

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

HK430 – Advanced Exercise Physiology

HK 254 - Advanced Head and Neck Anatomy (0.5 unit) **and** HK113 - EMT Basic (0.5 unit); these two 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 2017-18).

.25 unit

#### **HK103** Wilderness First Responder

This course is designed to provide outdoor leaders, instructors, guides, rangers, wilderness and foreign travelers with the knowledge needed to deal with emergencies in remote settings. Emphasis is placed upon prevention, leadership skills, and decision-making. The 80-hour national curriculum covers standards of care for urban situations with additional protocols for remote situations. The course is contracted in affiliation with WMI (Wilderness Medicine Institute) as part of NOLS (National Outdoor Leadership School). This course is supported by the Department of Sport Science, Office of Campus Activities / ORC, and the Ritt Kellogg Memorial Fund (<http://www2.coloradocollege/campusactivities/ritt.htm>). Certifications upon completion of this course in conjunction with SC 113: EMT Basic may allow the student to obtain W-EMT certification. This is a course requiring an additional fee. Registrants will be contacted related to fees and deadlines by Campus Activities. Two sections. Limit 30 per section. P track (pass/fail) only. Taught during half-block. (Not offered 2017-18).

.25 to .5 units

#### **HK114** Health and Fitness

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 Vericella (Chicken Pox) vaccination/exposure; Proof of Hep-stat (Hepatitis B) series. Class limit 24. (Not offered 2017-18).

.5 unit

#### **HK120** Topics in Human Biology and Kinesiology

Courses under this rubric will vary year to year. (Not offered 2017-18).

.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 — Anderson

**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. 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 206 or Human Biology and Kinesiology 321.

1 unit — Bull

**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 2017-18).

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, Molecular Biology 131, or Human Biology and Kinesiology 130, or Psychology 297, 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 2017-18).

1 unit

**HK254** 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 (Introduction to Human Anatomy).

.5 unit — Miska

**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. (Not offered 2017-18).

*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 2017-18).

*Prerequisite:* BY/HK 207 & 211 (or BY/HK 205) and/or consent of instructor.

1 unit

### **HK302** Surgical Anatomy

A cadaver dissection course with matched surgical observation. Taught in conjunction with orthopedic surgeons and physical therapists. Taught as a yearlong extended format course with focused half-block commitment. Expectations/projects include outreach teaching to select AP high school biology students, multiple format computer/media presentations, scientific writing and patient-based research projects. Course limit 5 to 10 students depending on availability of cadaveric specimens. (Not offered 2017-18).

*Prerequisite:* consent of instructor & BY/HK 207 & BY/HK 321 & Junior standing.

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 research and provide presentations on topics related to anatomy and kinesiology.

*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 — Anderson, Bull

### **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

### **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 2017-18).

*Prerequisite:* Human Biology and Kinesiology 330 or consent of instructor.

1 unit

## **International Political Economy**

*Applicable for the 2017-2018 academic year.*

Advisers; Professors GOULD (Political Science), HENDRICKSON (Political Science), KAPURIA-FOREMAN (Economics); Associate Professor LYBECKER (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 their 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:

#### **A. Political Science Courses (5 units)**

PS205 Foundations of Political Economy OR PS270 Liberty and Equality OR PS298 What is Political Philosophy? OR PS292 American Political Thought	<b>1 unit</b>
PS209 Introduction to International Relations OR PS225 Conduct of American Foreign Policy	<b>1 unit</b>

(Either PS209 or PS225 can be counted toward the IPE major, <b>BUT NOT BOTH</b> )	
Remaining units must come from the Comparative Politics and International Relations subfields, <b>including at least one unit from each</b> . 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.	<b>3 units</b>

### B. 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  (note that MA125 or 126 Calculus 1 is a prerequisite for EC201)	<b>1 unit</b>
EC301 Microeconomic Theory II	<b>1 unit</b>
EC302 Macroeconomic Theory II	<b>1 unit</b>
EC347 Economics of International Trade OR EC377 Economics of International Finance	<b>1 unit</b>
At least one of the following courses:  EC343 Economic Development OR  EC374 Economics of Latin America OR  Other economics courses (for example those numbered EC271-290, 371-390, 471-489, 493) with prior approval from the chair of the Department of Economics and Business that they qualify as international economics electives.	<b>1 unit</b>

### C. Mathematics Courses (2 units)

MA117 or 217 or BY220	Probability and Statistics OR Probability and Statistical Modeling OR Biostatistics and Experimental Design	<b>1 unit</b>
MA125 or 126	Pre-Calculus, Calc 1 /Calculus 1	<b>1 unit</b>

### D. Foreign Language or Foreign Study Requirement (2 or 3 units)

1. 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**
2. Three units of credit from an approved program of study outside the United States.

### E. Introduction to International Political Economy (1 unit)

PS375/EC275 Introduction to IPE	<b>1 unit</b>
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### F. 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 Economics (Campus extension 6419)	Professor David Hendrickson Political Science (Campus extension 6585)
Professor Kristina Lybecker Economics (Campus extension 6445)	Professor John Gould Political Science (Campus extension 6589)
Professor Corina McKendry Political Science (Campus extension 6788)	

## Italian

*Applicable for the 2017-2018 academic year.*

**Italian Website** (<http://www.coloradocollege.edu/academics/dept/french-italian/>)

Associate Professors: M. O'REILLY; Visiting 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 at the Keck Humanities Laboratory 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.

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 — Battistella

#### **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 — Cornelius, 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

### **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 — Battistella

### **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 — Minervini

### **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 — Minervini

### **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 2017-18).

*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 — Battistella

### **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 — Battistella

**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 — Pizzo

**IT305** Cultural Context and Written Expression

Advanced composition and conversation practice through the study of Italian literary and cultural texts

*Prerequisite:* Italian 204 or equivalent.

1 unit — Pizzo

**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 2017-18).

*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

**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 2017-18).

*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 2017-18).

*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, O'Riley

**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 2017-18).

*Prerequisite:* Required of all senior majors.

1 unit

### **IT432** Senior Thesis

Intensive writing and supervised revision of senior thesis with oral defense. (Not offered 2017-18).

*Prerequisite:* Italian 431.

1 unit

## **Japanese**

*Applicable for the 2017-2018 academic year.*

**Japanese Website** (<https://www.coloradocollege.edu/academics/dept/eastasianlanguages/>)

ERICSON, ONISHI, MARUYAMA

### **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**

##### **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, Onishi

##### **JA103** Japanese Skill Maintenance

Conversation and limited reading and writing practice in Japanese language.

*Prerequisite:* Japanese 101.

.25 unit — Ericson

##### **JA104** Japanese Skill Maintenance

Conversation and limited reading and writing practice in Japanese language.

*Prerequisite:* Japanese 101.

.25 unit

##### **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.

1 unit — Ericson

**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 — Onishi

**JA205** Japanese Skill Maintenance

Advanced conversation, reading and writing practice in Japanese language.

*Prerequisite:* Japanese 201.

.25 unit — Ericson

**JA206** Japanese Skill Maintenance

Advanced conversation, reading and writing practice in Japanese language.

*Prerequisite:* Japanese 201.

.25 unit

**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 2017-18).

1 unit

**JA250** Topics in Japanese Studies

(Not offered 2017-18).

*Prerequisite:* Japanese 201 or equivalent.

.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 2017-18).

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.

1 unit — Ericson

**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.

.5 to 1 unit

**JA326** Japanese Politics through Literature

Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2017-18).

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. (Not offered 2017-18).

*Prerequisite:* Japanese 202 or equivalent.

.5 or 1 unit

**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 2017-18).

*Prerequisite:* Japanese 302 or consent of instructor.

1 unit

## Mathematical Economics

Applicable for the 2017-2018 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 ten units of required courses, four units of electives, and two units of senior thesis for a total of sixteen 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>1 unit</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 I	<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: the mathematics electives (part B #2) or mathematical economics electives (part B #3) category. requirements #2 and #4 under part B.	<b>1 unit</b>
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\*Both Real Analysis I (MA 375) and Graph Theory (MA 325) count as 2 units towards the major-satisfying

### 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 2017-2018 academic year.

**Mathematics Website** (<http://www.coloradocollege.edu/academics/dept/mathematics/>)

Professors M. ANDERSON, M. SIDDOWNAY (associate dean), TINSLEY; Associate Professors BROWN (associate chair), ERICKSON (chair), McDOUGALL, BRUDER; Assistant Professors BURGE, WHITEHEAD, YLVISAKER; Visiting Assistant Professors BRYANT, HOGENSON, JAMES, MORAN, PENN.

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 general college requirements, a major in mathematics must complete:**

- **MA126** and **MA129** - Calculus 1 and Calculus 2 (or equivalent)
- **MA204**, **MA220** and **MA251** - Calculus 3, Linear Algebra, and Number Theory (should complete before declaring the major)
- **MA321** and **MA375** - Abstract Algebra 1 and Mathematical Analysis 1
- One of the following (which should be taken in the same year as its prerequisite whenever possible):
  - **MA421** - Abstract Algebra 2
  - **MA475** - Mathematical Analysis 2
  - **MA417** - Mathematical Statistics
  - OR both **MA416** and **MA418** - Partial Differential Equations and Numerical Analysis
- Three other 300-400 level one-unit courses, OR two other 300-400 level one-unit courses AND two other 200 level one unit-courses not meeting one of the requirements above, (excluding Independent Studies: **MA255**, **MA355**, **MA455**.) EC404 can also count as a 200-level elective.

**A student majoring in mathematics must also:**

- Attend at least four departmental seminars or department-approved talks after declaring the major, and submit a one-page summary of each to the department chairperson within two weeks of the seminar. This must be completed by the end of Block 7 of the student's senior year. Consult the department for further details on what constitutes an approved talk. Need help with your seminar writeups? Download our helpful **Seminar Writeup Handout** to get a better idea of what is expected in your summaries.
- 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 thesis will involve either original research or substantial expository work. The student must have a thesis advisor in the department, and submit a thesis proposal to the department by the second Monday of Block 2 of his or her senior year. The student must enroll in one block of **MA499** (Senior Thesis) with his or her thesis advisor during the senior year. A student may also enroll in one or blocks of MA355/455 (Independent Study) if additional time to work on the thesis is needed. Consult the department for further details.

To be considered for graduation with **Distinction in Mathematics**, a student must complete three courses with a 300-level prerequisite, one of which must be **MA410**. In addition, such students must complete a senior thesis as their capstone experience. Awarding of distinction is approved by a vote of the department faculty, who consider the depth and quality of

the student's academic work and the quality of their senior thesis, among other factors. Further information is available from the department, and on the link above.

## Minor Requirements

(Download a [Minoring in Mathematics Handout](#))

**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

## 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. (Not offered 2017-18).

*Prerequisite:* Not recommended for Math majors.

.5 to 1 unit

#### **MA117** Probability & Statistics

An introduction to the ideas of probability, including counting techniques, random variables and distributions. Elementary parametric and non-parametric statistical tests with examples drawn from the social sciences and life sciences. (No credit if taken after any other college-level statistics course.) Not recommended for mathematics majors. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* No credit after BY220/EC200.

1 unit — Brown, Erickson, Glen, 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 126 together with one block of content from algebra, trigonometry, analytic geometry and the study of functions. Intended solely for students not sufficiently prepared for 126. (Fulfills one unit of the divisional requirement in the natural sciences. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* consent of instructor.

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 — Abrams, Anderson, Bruder, Kelley

**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 2017-18).

*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 — Anderson, 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.

*Prerequisite:* High School Calculus, Mathematics 125, Mathematics 126, or consent of instructor.

2 units — Bertrand, Brown

**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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

2 units

**MA155** Independent Study:

*Prerequisite:* consent of instructor.

.5 to 1 unit

**MA161** Mathematics in a Cultural Context

(Not offered 2017-18).

*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 2017-18).

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 — Hogenson

**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 2017-18).

*Prerequisite:* 1 high school course in calculus or computer science.

1 to 2 units

**MA203** Calculus 3

Vectors in two and three dimensions, and the calculus of functions of several variables. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2017-18).

*Prerequisite:* (No credit if taken after Mathematics 204.).

1 unit

**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.

*Prerequisite:* Mathematics 129. (No credit if taken after MA203).

1 unit — Fulghesu, 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 — Glen, Tinsley

### **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 2017-18).

*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 — Hogenson, Kelley, Malmskog, McDougall

### **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 2017-18).

*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).

*Prerequisite:* Mathematics 128 or consent of instructor.

.5 unit — Bruder, Bryant, Erickson, Hogenson

**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 2017-18).

*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.

1 unit — Anderson, Thakur

**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 — Erickson, Watkins

**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 — Bruder

**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 2017-18).

*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 2017-18).

*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 — Glen, Kelley

### **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 — Bruder, Nguyen

### **MA321** Abstract Algebra I

An introduction to the abstract algebraic properties of groups, rings and fields.

*Prerequisite:* Mathematics 220 & 251.

1 unit — Malmskog

### **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 — Hogenson

### **MA340** Topics in Mathematics:

Special topics in mathematics not offered on a regular basis.

1 unit — Moran

### **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 2017-18).

*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 — Anderson



**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 2017-18).

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.) (Not offered 2017-18).

*Prerequisite:* Mathematics 375.

1 unit

**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 — Wilson

**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.) (Not offered 2017-18).

*Prerequisite:* consent of instructor or Mathematics 313.

1 unit

**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 — Glen

**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 — Anderson

**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 2017-18).

1 unit

**MA455** Independent Study:

1 unit — McDougall

**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 — Moran

**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 — Anderson, Glen, Hogenson, McDougall

## Molecular Biology

*Applicable for the 2017-2018 academic year.*

**Molecular Biology Website** (<https://www.coloradocollege.edu/academics/dept/molecularbiology/>)

Associate Professor (Chair) D. KILLIAN, Professor R. BERTRAND, Associate Professor P. LOSTROH, Assistant Professor O. HATTON, Assistant Professor S. HANSON, Assistant Professor J. GARCIA

Molecular biology offers an innovative outlook. It takes advantage of the Block Plan by offering designated "laboratory rich" courses in which students will be immersed in laboratory work and in 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, such as how to perform and interpret experiments and how to develop and test hypotheses about 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)**

- 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 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
  - BY131 or BY232 satisfies this requirement
- 1 unit of MB201 Laboratory in Molecular and Cellular Biology and Genetics
  - Students who have completed BY131 cannot take this course
  - Requirement waived for students who have completed BY131 or BY232
- 1 unit of MB231 Genetics
  - Pre-requisite: MB201
  - Students who have completed BY131 but not BY231 place into this course
  - BY231 or BY232 satisfies this requirement
- 1 unit of MB300-level lecture/discussion-based MB elective
  - These are intended for sophomores and juniors
  - Can be satisfied by BY300- or 400-level courses with BY231/232 Genetics as a pre-requisite
- 1 unit of MB400-level lecture/discussion-based MB elective
  - These are intended for seniors and juniors
  - Can be satisfied by BY300- or 400-level courses with BY231/232 as a pre-requisite
- 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; CH383 Biochemistry II; HK304 Advanced Human Anatomy; HK321 Human Physiology; HK430 Advanced Exercise Physiology; MA256 Mathematical Models in Biology; PY297 Neuroscience I; BE365 Plant Physiology; BE280 Population Genetics; BE465 Techniques in Molecular Ecology and Systematics
  - Can be satisfied by old BY300- or 400-level courses with BY231/232 Genetics as a pre-requisite, and which have a laboratory component: BY499, 475, 466, 453, 409, 391, 380, 359, 309.
- 1 unit of elective in the biological sciences. Can be satisfied by any MB course for majors or BY course for majors, or BE course for majors, or by selected courses in Biochemistry, Mathematics, Neuroscience, Anthropology, or Human Biology and Kinesiology (see list). MB 112 (FYE Microbiology & Biophysics) satisfies this requirement.
  - List: any MB course other than MB100, MB111, MB131, MB201, MB231; any BE course other than BE100; any BE course other than BY100; CH383 Biochemistry I; CH383 Biochemistry II; HK204 Introduction to Human Anatomy; HK304 Advanced Human Anatomy; HK321 Human Physiology; HK430 Advanced Exercise Physiology; MA256 Mathematical Models in Biology; PY297 Neuroscience I; 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 and once in the spring
- A maximum of 2 units of mentored research such as MB209, MB399, MB498, MB499, BY309, BY409, BY499, 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 on 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, or PC241 Physics for the Physical Sciences I, or PC242 Physics for the Physical Sciences II). May be satisfied by AP or IB credit recognized by the registrar

- 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
- 3 units that have MB231 as a prerequisite
  - List of courses outside MB that can satisfy only one (but not two or three) of these units: CH382 Biochemistry I; CH383 Biochemistry II; HK304 Advanced Human Anatomy; HK321 Human Physiology; HK430 Advanced Exercise Physiology; MA256 Mathematical Models in Biology; PY297 Neuroscience I; BE 365 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 2017-18).

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. (Not offered 2017-18).

1 unit

#### **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 2017-18).

.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.

*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 — Lang, Lostroh

**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 2017-18).

*Prerequisite:* AP/IB equivalent of Chemistry 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 2017-18).

*Prerequisite:* No credit if taken after Biology 131, Biology 232, 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 2017-18).

*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 107, or AP/IB equivalent, or consent of instructor. No credit after Biology 131 or Biology 232.

1 unit — Garcia, Hanson, 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 2017-18).

.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. No credit after Biology 131

or Biology 232.

1 unit — Garcia, Hanson, Hatton, Roop

**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 — Bertrand, Garcia, Hanson, Hatton

**MB210** Introductory Special Topics in Molecular Biology

Special topics not offered on a regular basis. Lecture/Discussion. (Not offered 2017-18).

*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 2017-18).

*Prerequisite:* Biology 131, Molecular Biology 111, or Molecular Biology 131, or Chemistry 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) Biology 131 or Molecular Biology 201, and 2) Chemistry 108, or consent of instructor. No credit after Biology 231 or Biology 232.

1 unit — 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 2017-18).

*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 2017-18).

*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.

*Prerequisite:* Biology 231 or Biology 232 or Molecular Biology 231.

1 unit — Garcia, Hanson, Lostroh

**MB302** Independent Study in Molecular Biology

Primary literature-intensive investigation of a selected topic in molecular biology.

*Prerequisite:* Biology 231 or Biology 232 or Molecular Biology 231; and 2) consent of instructor.

1 unit

**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. (Not offered 2017-18).

*Prerequisite:* 1) Molecular Biology 231, Molecular Biology 232, or Molecular Biology 231 and 2) Chemistry 108.

1 unit

**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 2017-18).

*Prerequisite:* 1) Biology 231, Biology 232, or Molecular Biology 231 and 2) Chemistry 250.

1 unit

**MB320** Microbiology and Molecular Genetics.

Heredity, gene expression, physiology, and experimental manipulation of microbial genomes. Through lecture and primary literature, the course explores microbial life as investigated using experimental genetics, genomics, bioinformatics, and biochemistry, with an emphasis on bacteria and the fundamental processes of cellular life such as metabolism, regulation of gene expression, synthesis and assembly of supramolecular structures, and signal transduction. Lecture/Discussion. (Not offered 2017-18).

*Prerequisite:* 1)BY 231 or Biology 232 or Molecular Biology 231 and 2) Chemistry 251 or consent of instructor.

1 unit

**MB341** Special Topics in Molecular Biology

Special topics in Biology not offered on a regular basis. (Not offered 2017-18).

.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 2017-18).

1 unit

**MB350** Special Topics in Laboratory Research in Molecular Biology

Special topics not offered on a regular basis. Laboratory intensive

*Prerequisite:* 1) Biology 231 or Biology 232 or Molecular Biology 231 and 2) Chemistry 251.

1 unit — Garcia, Hanson, Hatton

**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. (Not offered 2017-18).

*Prerequisite:* Biology 231, Biology 232, or 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 2017-18).

*Prerequisite:* 1.) Biology 231, Biology 232, or Molecular Biology 231 and 2.) Chemistry 251.

1 unit

**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 — Bertrand, Garcia, 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

**MB405** Stem Cell Biology

Stem cells are undifferentiated cells that are capable of self-renewal and have the potential to develop into specialized cells 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. (Not offered 2017-18).

*Prerequisite:* any 300-level course in Molecular Biology or consent of instructor.

1 unit

**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.

*Prerequisite:* 1) Any 300-level course in Molecular Biology and 2) Chemistry 251 or consent of instructor; Biology 380 or Molecular Biology 310 and Chemistry 382 strongly recommended.

1 unit — Lostroh

#### **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.

*Prerequisite:* Any MB course at the 300-level OR Molecular Biology 231 Genetics AND Psychology 298 Neuroscience II.

1 unit — Killian

#### **MB450** Advanced Special Topics in Laboratory Research in Molecular Biology

Laboratory-intensive special topics not offered on a regular basis. Laboratory intensive. (Not offered 2017-18).

*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 2017-18).

*Prerequisite:* Molecular Biology 310 or Chemistry 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 — Hatton, Lostroh

#### **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 — Bertrand, Garcia, 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 — Bertrand, Garcia, Hanson, Hatton

## Music

*Applicable for the 2017-2018 academic year.*

**Music Website** (<http://www.coloradocollege.edu/academics/dept/music/>)

Professors BEN-AMOTS (chair), M. GRACE, LEVINE; Assistant Professor BAÑAGALE; Artist-in-Residence S. GRACE (associate chair); Lecturers D. BRINK, LASMAWAN; Visitors AHARONY, BARKER, BOLGER, NORFLEET, RODRIGUES, SCHORMANN

Music is a central part of student life on the Colorado College campus, and the Department of Music encourages every student to enjoy and participate in our rich offering of musical activities.

The Department of Music is a haven in which non-majors and minors can 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.

The department occupies Packard Hall, with its acoustically superior 300-seat concert hall, state-of-the-art 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 six 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 six additional elective units allows individual students to follow a path of study that aligns with their musical aspirations and goals. Beyond these 12 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 Creativity, chosen from the following:

- MU200: Music at the Computer
- MU227: Digital Music Production and Representation
- MU301: Composition
- 1 unit of Performance (studio lessons or ensemble participation)

**Elective Course Requirements:**

- 3 units freely chosen, with no more than 1 unit at the 100-level AND
- 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 and Project:**

MU435: Capstone Seminar to be taken in the junior year in preparation for MU401: Senior Capstone Project in consultation with major advisor. 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 Department of Music 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 Creativity in Music
- 1 unit of Performance (studio lessons or ensembles)

**ELECTIVES**

- 3 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 coursework in the Department of Music, including five required units in the following categories: theory/composition, Western music history, ethnomusicology/world music, 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), MU399 Experimental Music, MU425 Advanced Composition and Orchestration, or other department-approved courses.
2. **One unit in Western Music History** for example, MU150 Music in Western Culture, MU212 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 and MU228 “topics” courses).
3. **One unit in Ethnomusicology or World Music** for example, MU221 or MU222 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, MU200 Music at the Computer, MU155 Introduction to Jazz, MU227/228 Popular 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, ethnomusicology/world music, 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.

### FOUR 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 ), MU399 Experimental Music, MU425 Advanced Composition and Orchestration, or other department-approved courses.

2) **One unit in Western Music History** MU150 Music in Western Culture, MU212 Mozart and his Age, MU284 Beethoven, MU227 or 228 Topics (or other appropriate topics courses), MU315 Music History I, MU316 Music History II, or other department-approved courses.

### 3) One unit in Ethnomusicology or World Music

MU221 or MU222 Topics in Ethnomusicology, MU290 American Indian Music, MU291 Southwest American Indian Music, MU295 Indonesian Music, MU202 Music of Cuba, 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, MU200 Music at the Computer, 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.*

## Courses

### Music

#### **MU103** Emotion and Meaning in Music

1 unit — Ben-Amots, Grace

#### **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 2017-18).

2 units

#### **MU107** Percussion

.25 unit — Cooper

#### **MU108** Tabla

(Not offered 2017-18).

.25 unit

#### **MU109** African Drum

(Not offered 2017-18).

.25 unit

#### **MU110** Voice

*Prerequisite:* consent of department & Application.

.25 unit — Brink, Comstock, Fosha

#### **MU112** Piano

.25 unit — Anderson, Brink, Grace, Polifka

**MU113** Organ

.25 unit — Shelton

**MU114** Harp

.25 unit — Rhodeside

**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 — Shelton

**MU123** Viola

.25 unit — Dobrotvorskaia

**MU124** Violin

Small group lessons for beginners, developing basic skills in technique, tone production, and musicianship. Music fundamentals, ear-training, sight-reading, and keyboard harmony. Meets once a week.

*Prerequisite:* consent of instructor.

.25 unit — Jorgensen

**MU125** Fiddle

Students will discover aspects of good vocal production (singing, speaking) including posture, breathing, general vocal physiology, relaxation techniques, performance skills and more. For students who do not take private lessons. Individual attention given. Four to twelve students, no previous experience required. Meets once a week. (Not offered 2017-18).

.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 — Collazo Llantín

**MU135** Saxophone

.25 unit — Joyce, Matzke

**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

Two-semester course.

.25 unit — Miller

**MU147** Class Instruction in Piano

.25 unit — Brink

**MU148** Class Instruction in Voice

*Prerequisite:* consent of instructor.

.25 unit — Fosha

**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. Meets the Critical Perspectives: The West in Time requirement.

1 or 2 units — Brink, Grace

**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. (Not offered 2017-18).

1 unit

**MU158** Experiencing Asia Through Music and Art

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2017-18).

2 units

**MU160** Chamber Chorus

.25 unit — Teske

**MU161** College Choir

.25 unit — Teske

**MU162** Collegium Musicum

.25 unit — Ekberg

**MU163** Small Chamber Ensemble

.25 unit — Brink, Fosha, 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 — Joyce

**MU168** Balinese Gamelan

.25 unit — Lasmawan

**MU169** Bluegrass Ensemble



.25 unit — Reed

**MU170** World Music Ensemble

(Not offered 2017-18).

.25 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

**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 2017-18).

*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. (Not offered 2017-18).

1 to 2 units

**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 2017-18).

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.

1 unit — Lasmawan, Norfleet, Schormann

**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.

1 unit — Ben-Amots

**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, 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.

1 unit — Aharony, Grace, Ragan

**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 2017-18).

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 2017-18).

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.

1 unit — Banagale

### **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 2017-18).

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. (Not offered 2017-18).

1 unit

### **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. (Not offered 2017-18).

1 unit

**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. Meets the Critical Perspectives: The West in Time requirement.

*Prerequisite:* Music 199 or Consent of Instructor.

1 unit — Grace

**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. Meets the Critical Perspectives: The West in Time requirement.

*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 2017-18).

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.

1 unit — Levine

**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.

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, Levine

### **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 2017-18).

*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 2017-18).

*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. Meets the Critical Perspectives: The West in Time requirement. (Not offered

2017-18).

*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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

*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 2017-18).

.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 2017-18).

.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.

*Prerequisite:* consent of instructor.

1 unit

### **MU342** Music Education in the Elementary Grades

(Not offered 2017-18).

*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 2017-18).

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.

1 unit

### **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 2017-18).

*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.

*Prerequisite:* Previous college-level music coursework or private instruction; instrumental/vocal proficiency; and consent of instructor.

1 unit — Bolger, Levine

### **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, Grace

### **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

*Prerequisite:* consent of instructor.

1 unit — Aharony, Banagale, Levine, Ruiz



### **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 2017-18).

*Prerequisite:* Music 150 or 392.

1 unit

### **MU401 Readings in Music:**

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 — Aharony, Ben-Amots, Levine

### **MU402 Readings in Music: Advanced**

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 — Levine

### **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**

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

## **Neuroscience**



*Applicable for the 2017-2018 academic year.*

**Neuroscience Website** (<http://www.coloradocollege.edu/academics/dept/neuroscience/>)

Advisers; Professors BERTRAND, DRISCOLL (co-director), ERDAL, HORNER, JACOBS (co-director); Associate Professors DAUGHERTY, KILLIAN

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, rather than an independent department or program. The major is a challenging undertaking with required 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 111): Introduction to Psychology
- PY202: Research Design in Psychology (2 blocks)
- PY297 and PY298: Neuroscience I and II (2 blocks)

##### CHEMISTRY (CH)

- CH107 and CH108: General Chemistry I, II
- CH250: Structures of Organic Molecules
- CH251: Reactions of Organic Molecules

##### MATHEMATICS (MA)

- 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
- PY332: Learning and Adaptive Behavior
- PY344: Cognition
- PY362: Abnormal Psychology
- PY374: Lifespan Developmental Psychology

##### CHEMISTRY (CH)

- CH245: Bioanalytical Chemistry

- CH382: Biochemistry I
- CH383: Biochemistry II

### 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
- MB355: Laboratory in Advanced Genetics
- MB360: Laboratory in Molecular Microbiology

### HUMAN BIOLOGY AND KINESIOLOGY (HK)

- HK204: Introduction to Human Anatomy

### COMPUTER SCIENCE (CP)

- CP122: Computer Science I
- CP222: Computer Science II

### PHYSICS (PH)

- PC141: Physics for the Life Sciences I
- PC142: Physics for the Life Sciences II

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 be conducted with 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 2017-2018 academic year.*

**Organismal Biology and Ecology Website (<https://www.coloradocollege.edu/academics/dept/obe/>)**

Professors EBERSOLE, HATHAWAY, LINKHART, SNYDER; Associate Professors GRAY, HESCHEL, WILSON; Assistant Professor JABAILY; Visiting Associate Professor DRUMMOND

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.

Download the **Major's Handbook for Organismal Biology and Ecology** for all information pertinent to our major.

### Major Requirements

#### ***THE OBE MAJOR: A SHORT GUIDE TO REQUIREMENTS***

1. **Two units in Introductory Organismal Biology:** BE105 and/or BE106 and/or BE107
2. **Ecology:** BE208
3. **Intro to Molecular and Cellular Biology:** MB131
4. **Population genetics or genetics:** BE280 or MB201 or MB231

5. **Three units in chemistry:** CH107 and CH108 and CH250
6. **Two units in mathematics:** one unit of calculus and one unit of statistics OR mathematical modeling
7. **Five approved OBE electives**
8. **Senior capstone experience**
  1. Attend 3 OBE-approved seminars and write abstracts
  2. Complete a senior capstone course

### ***THE OBE MAJOR: THE FULL GUIDE TO REQUIREMENTS***

#### **1. Two units in Introductory Organismal Biology:**

- BE105 Biology of Plants
- BE106 Biology of Animals
- BE107 Biology of Microbes

*Note: AP/IB credit may count towards a lower-level elective or as credit for MB131 (see below), but cannot replace these organismal courses.*

#### **2. BE208 Ecology**

#### **3. 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. BE280 Population Genetics OR MB201 Laboratory in Molecular and Cellular Biology and Genetics OR MB231 Genetics**

*Note: In order to take MB231, a student should consult with an MB faculty member to determine if their background is sufficient for this genetics course.*

#### **5. Three units in chemistry:**

- CH107 General Chemistry I
- CH108 General Chemistry II
  
- 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 or CH108. While some students are able to bypass CH107, skipping CH108 is rare and not recommended because the lab experience in CH108 helps greatly in future classes. Contact Ted Lindeman (tlindeman@coloradocollege.edu) in chemistry for more information; also, ask the Department of Chemistry to notify your OBE advisor about your score on the bypass exam.
  
- CH250 Structures of Organic Molecules

*Note: Graduate schools often require BOTH CH250 and CH251 Reactions of Organic Molecules.*

#### **6. Two units in mathematics:**

- **One unit of calculus** from:
  - MA126 Calculus I
  - MA127 Calculus I and II, accelerated
  - MA129 Calculus II
  - AP or IB credit recognized by the registrar

Note: choose your calculus course carefully so that you avoid doing mostly review and do not take a course without adequate preparation. The Department of Mathematics recommends the following:

- If you have Calculus AB credit on your transcript, take Calculus 2 and not Calculus 1.
- If you have Calculus BC credit, do not take Calculus 2. If you want to take more math, take a computer science class or a higher-level math class (ask your advisor for recommendations).
- If you have IB credit, talk to the Department of Mathematics.
- If you took calculus in high school but do not have AP or IB credit, talk to the Department of Mathematics.

- **One** unit of **statistics** or mathematical modeling from:
  - BE220 Biostatistics and Experimental Design
  - MA256 Mathematical Models in Biology
  - MA117 Probability and Statistics
  - MA217 Probability and Statistical Modeling
  - EV228 Analysis of Environmental Data
  - 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. Five approved OBE electives:

- Three of the electives must be upper-level (numbered 300 or higher). Two of these must be BE upper-level courses (one of these must be a capstone course taken during the last 8 blocks before graduation - see capstone options below). The remaining upper-level elective may be a non-BE class at the 300-400 level.
- All BE courses except BE100 may count as electives. BE280 may count as an upper-level elective if taken after MB201/MB231.
- All MB courses, excluding non-majors courses, may count as electives. MB109 (FYE) counts as one elective.
- The following Human Biology & Kinesiology courses may count as electives: HK204, HK304, HK306 and HK321.
- One unit of elective credit may be CH382, GY205, GY300, EV422, AN201, AN207, or AN306.
- No more than 2 research blocks (BE309/BE409/BE499) may count as electives.
- AP/IB credit may count as one unit of lower level elective credit (ask your advisor).

*Note: this list is not exhaustive and you may petition the department to consider other courses to count as electives (there are often new courses during a given year that might count as OBE electives – ask your advisor).*

## 8. Senior capstone experience

Before the end of your senior year, you must:

- **Complete attendance at three OBE-approved seminars, summarize each in an abstract** (see example abstract on the website), and submit each abstract electronically to both Donna Sison and your advisor no later than the first Monday of the block following the block in which the seminar occurred. Students are strongly advised to begin turning in abstracts before their senior year.
- **Complete a senior capstone course** (this also counts as one of your five electives) in the last two semesters prior to graduation, in one of the following ways:
  - BE499 Senior Thesis
  - BE409 Advanced Research in Biology (if it meets the requirements described in the section on “Senior Capstone” - ask the faculty member supervising your research). Capstone course options vary from year to year. The current list of approved OBE capstone courses is: *BE308 Advanced Ecology, BE365 Plant Physiology, BE366 Comparative Animal Physiology, BE367 Animal Ecology, BE370 Tropical Forest and Coral Reef Ecology, BE390 Ecology and Biogeography of Patagonia, BE410 Ornithology, BE412 Entomology, BE415 Evolution, BE421 Conservation Biology, BE475 Techniques in Molecular Ecology, BE332 Animal Behavior, BE440 Ecology & Conservation in Tanzania.*
  - MB capstone courses may also be used to meet the capstone requirement (ask your advisor).

## 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 — Gray, Snyder

#### **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

### **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, Snyder

### **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 107 and 1 unit from Organismal Biology and Ecology 105, 106, 107 Geology 130 or 140.

1 unit — Ebersole, Linkhart, Snyder

### **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.

*Prerequisite:* At least 1 college organismal biology and ecology course or consent of instructor. No Credit after Economics 200 or Mathematics 117.

1 unit — Ebersole

**BE240** Special Topics in Organismal Biology and Ecology

Special topics in Organismal Biology and Ecology not offered on a regular basis.

1 unit — Wilson

**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 2017-18).

*Prerequisite:* Organismal Biology and Ecology 105 or 106 recommended.

.5 to 1 unit

**BE249** Special Topics in Organismal Biology and Ecology

(Not offered 2017-18).

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 2017-18).

*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 — Ebersole, Snyder

**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, 403, 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 — Ebersole, 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 2017-18).

*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.

*Prerequisite:* Organismal Biology and Ecology 106 or consent of instructor.

1 unit — Hathaway

**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 2017-18).

*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. (Not offered 2017-18).

.5 to 1 unit

**BE342** Special Topics in Organismal Biology and Ecology:

(Not offered 2017-18).

1 unit

**BE343** Special Topics in organismal Biology and Ecology

(Not offered 2017-18).

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 2017-18).

*Prerequisite:* Molecular Biology 131 or Sophomore Standing.

1 unit

**BE348** Special Topics in Organismal Biology and Ecology:

(Not offered 2017-18).

1 unit

**BE349** Special Topics in Organismal Biology and Ecology:

(Not offered 2017-18).

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 — Heschel

**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 2017-18).

*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 consent of instructor.

1 unit — Linkhart

**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 2017-18).



*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:* Junior or senior standing, BE 208, BE 369, and good swimming ability. 1 unit - Linkhart and Snyder. (Not offered 2017-18).

*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 2017-18).

*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.

*Prerequisite:* Junior or Senior standing. Organismal Biology and Ecology 208 and enrollment in Organismal Biology and Ecology 390.

.5 unit — Ebersole

**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.

*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 unit — Ebersole

**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 — Ebersole, 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 — Drummond

#### **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.

*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 — Jabaily

#### **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 2017-18).

*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 2017-18).

*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 — Jabaily

#### **BE442** Special Topics in organismal Biology and Ecology:

(Not offered 2017-18).

*Prerequisite:* consent of instructor.

1 unit

**BE443** Special Topics in Organismal Biology and Ecology:

(Not offered 2017-18).

*Prerequisite:* Organismal Biology and Ecology 208.

1 unit

**BE446** Special Topics in Organismal Biology and Ecology:

(Not offered 2017-18).

*Prerequisite:* consent of instructor.

1 unit

**BE447** Special Topics in Organismal Biology:

(Not offered 2017-18).

*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 and 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 — Heschel, Linkhart

## Organismal Biology and Ecology

*Applicable for the 2017-2018 academic year.*

**Organismal Biology and Ecology Website** (<https://www.coloradocollege.edu/academics/dept/obe/>)

Professors EBERSOLE, GRAY, HATHAWAY, HESCHEL, JABAILY, LINKHART, SNYDER, WILSON; Visiting Associate Professor DRUMMOND

Organismal biology integrates studies of structure and function at the level of the organism and plays a central role in answering questions about ecology and evolution. This broad field 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 ecology, comparative physiology, conservation biology, and molecular ecology. We strive to perform cutting-edge research and include students in these opportunities.

Download the [Major's Handbook for Organismal Biology and Ecology](#) 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) Two units 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) Three units 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) Two units in Mathematics:**

- **One** unit 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”).*
- **One** unit 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) Five approved OBE Electives:**

- Of these 5, at least 3 must be upper level (300 or 400) and at least one of your upper level electives must be a BE course;
- One elective 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 — Gray, Snyder

#### **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

#### **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, Snyder

#### **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 107 and 1 unit from Organismal Biology and Ecology 105, 106, 107 Geology 130 or 140.

1 unit — Ebersole, Linkhart, Snyder

**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.

*Prerequisite:* At least 1 college organismal biology and ecology course or consent of instructor. No Credit after Economics 200 or Mathematics 117.

1 unit — Ebersole

**BE240** Special Topics in Organismal Biology and Ecology

Special topics in Organismal Biology and Ecology not offered on a regular basis.

1 unit — Wilson

**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 2017-18).

*Prerequisite:* Organismal Biology and Ecology 105 or 106 recommended.

.5 to 1 unit

**BE249** Special Topics in Organismal Biology and Ecology

(Not offered 2017-18).

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 2017-18).

*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 — Ebersole, Snyder

**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, 403, 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 — Ebersole, 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 2017-18).

*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.

*Prerequisite:* Organismal Biology and Ecology 106 or consent of instructor.

1 unit — Hathaway

**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 2017-18).

*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. (Not offered 2017-18).

.5 to 1 unit

**BE342** Special Topics in Organismal Biology and Ecology:



(Not offered 2017-18).

1 unit

**BE343** Special Topics in Organismal Biology and Ecology

(Not offered 2017-18).

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 2017-18).

*Prerequisite:* Molecular Biology 131 or Sophomore Standing.

1 unit

**BE348** Special Topics in Organismal Biology and Ecology:

(Not offered 2017-18).

1 unit

**BE349** Special Topics in Organismal Biology and Ecology:

(Not offered 2017-18).

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 — Heschel

**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 2017-18).

*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 consent of instructor.

1 unit — Linkhart

### **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 2017-18).

*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:* Junior or senior standing, BE 208, BE 369, and good swimming ability. 1 unit - Linkhart and Snyder. (Not offered 2017-18).

*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 2017-18).

*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.

*Prerequisite:* Junior or Senior standing. Organismal Biology and Ecology 208 and enrollment in Organismal Biology and Ecology 390.

.5 unit — Ebersole

### **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.

*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 unit — Ebersole

### **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 — Ebersole, 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 — Drummond

### **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.

*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 — Jabaily

### **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 2017-18).

*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 2017-18).

*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 — Jabaily

**BE442** Special Topics in organismal Biology and Ecology:

(Not offered 2017-18).

*Prerequisite:* consent of instructor.

1 unit

**BE443** Special Topics in Organismal Biology and Ecology:

(Not offered 2017-18).

*Prerequisite:* Organismal Biology and Ecology 208.

1 unit

**BE446** Special Topics in Organismal Biology and Ecology:

(Not offered 2017-18).

*Prerequisite:* consent of instructor.

1 unit

**BE447** Special Topics in Organismal Biology:

(Not offered 2017-18).

*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 and 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 — Heschel, Linkhart

## Philosophy

*Applicable for the 2017-2018 academic year.*

**Philosophy Website** (<http://www.coloradocollege.edu/academics/dept/philosophy/>)

Professors J. LEE, RIKER; Associate Professors DALY, FURTAK, HERNANDEZ-LEMUS, HOURDEQUIN (chair); Adjunct Associate Professor 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 — Riker

#### **PH113** Brothers Karamazov

(Not offered 2017-18).

.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.) Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

2 units

**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. (Not offered 2017-18).

1 unit

**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 — Daly, 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 2017-18).

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. Meets the Critical Perspectives: The West in Time requirement.

2 units — Hernandez-Lemus, Lee

**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 — Hernandez-Lemus, Hourdequin, Kim, Lee

**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. (Not offered 2017-18).

1 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. (Not offered 2017-18).

.5 unit

**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. Meets the Critical Perspectives: The West in Time requirement.

2 units — Furtak

**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, Kim

**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.

*Prerequisite:* 1 unit in philosophy or sophomore standing.

1 unit — Daly

**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. (Not offered 2017-18).

1 unit

**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 — McEnnerney

**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 — McEnerney

**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 — Kim

**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? (Not offered 2017-18).

1 unit

**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?

1 unit — Stoller

**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.

1 unit — Kim

**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 2017-18).

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

**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 2017-18).

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 2017-18).

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. (Not offered 2017-18).

1 unit

**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. (Not offered 2017-18).

1 unit

**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. (Not offered 2017-18).

1 unit

**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.

1 unit — Kim

### **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. (Not offered 2017-18).

1 unit

### **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 2017-18).

*Prerequisite:* Philosophy 201.

1 unit

### **PH302** History of 20th Century Continental Philosophy

A study of the existential, phenomenological, and postmodern traditions that arise in the 20th century in Germany and France. Philosophers covered may include, among others, Husserl, Heidegger, Sartre, Merleau-Ponty, Foucault, Lyotard, Deleuze, and Derrida.

*Prerequisite:* Philosophy 201 and junior standing.

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, Hourdequin, Mason

### **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 2017-18).

*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 — Daly

### **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 2017-18).

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 2017-18).

*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 — McEnerney

### **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 — Hernandez-Lemus

### **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 and a declared major in philosophy.

1 unit — Hernandez-Lemus

### **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 — Hernandez-Lemus

### **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, Furtak, Hernandez-Lemus, Hourdequin

### **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.

*Prerequisite:* Philosophy 475.

1 unit — Lee

## **Physics**

*Applicable for the 2017-2018 academic year.*

**Physics Website** (<http://www.coloradocollege.edu/academics/dept/physics/>)

Professors BURNS, HILT; Associate Professors CERVANTES, LANG (chair), PURDUE; Adjunct Associate Professor DICENZO; Assistant Professor GOSNELL

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 and PC242 Introductory Physics

PC251 Introductory Modern Physics

PC261 Electronics I

PC361 Techniques of Experimental Physics or PC 362 Observational Astronomy

PC450 Senior Seminar

MA 126 Calculus I

MA 129 Calculus II

MA 204 Calculus III

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](#)

## **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.

### Requirements:

Introductory Classical Physics I and II (PC241 and PC242)

Modern Physics (PC251)

Electronics (PC261)

Either Techniques of Experimental Physics (PC361) or Observational Astronomy (PC362)

Senior Seminar (PC450)

Three physics electives numbered 262 or higher

Calculus I, II, and III (MA126, MA129, and MA204)

## **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.

### Requirements:

Introductory Classical Physics I and II (PC241 and PC242)

Modern Physics (PC251)

Electronics (PC261)

At least one physics elective numbered PC262 or higher

Either Techniques of Experimental Physics (PC361) or Observational Astronomy (PC362)

Vector Analysis (PC311)

Mechanics (PC341)

Thermal Physics (PC349)

Electricity and Magnetic Theory (PC353)

Quantum Mechanics I (PC441)

Senior Seminar (PC450)

Calculus I, II, and III (MA126, MA129, and MA204)

Linear Algebra (MA220)

### Recommendations:

Computer Science I (CP122)

Computational Physics (adjunct, PC253)

Electromagnetic Waves and Optics (PC354)

Advanced Topics (PC420)

Quantum Mechanics II (PC442)

## **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.

### Requirements:

Introductory Classical Physics I and II (PC241 and PC242)

Modern Physics (PC251)

Electronics (PC261)

Observational Astronomy (PC362)

Vector Analysis (PC311)

Mechanics (PC341)

Thermal Physics (PC349)

Stellar Astrophysics (PC357)

Extragalactic Astronomy (PC358)

Quantum Mechanics I (PC441)

Senior Seminar (PC450)  
Calculus I, II, and III (MA126, MA129, and MA204)  
Linear Algebra (MA220)

Recommendations:

Computational Physics (adjunct, PC253)  
Electricity and Magnetism (PC353)  
Electromagnetic Waves and Optics (PC354)  
Advanced Topics (PC420)  
Quantum Mechanics II (PC442)

**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.

Requirements:

Introductory Classical Physics I and II (PC241 and PC242)  
Modern Physics (PC251)  
Electronics (PC261)  
Techniques of Experimental Physics (PC361) or Observational Astronomy (PC362)  
Two physics electives numbered 262 or higher

Recommended Electives:

Mechanics (PC341)  
Thermal Physics (PC349)  
Solid State (PC333)  
Optics (PC354)  
Quantum Mechanics I (PC441)  
Sustainable Development (EV141)

One environmental policy class

Air (PC/EV 431)

One environmental science class. Recommended: Energy (EV212) or Atmosphere-Biosphere Interactions (EV315)). PC 241 will suffice as pre-req for these.

Capstone experience: Physics Senior Seminar (PC 450) or EV Senior Seminar (EV490) taken with choice of three courses- EV Senior Paper (EV420), Environmental Synthesis (EV421), Environmental Science Thesis (EV499)

\*Note: Senior Seminar must be relevant to Environmental Physics

Calculus I, II, and III (MA126, MA129, and MA204)

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.

Requirements:

Introductory Classical Physics I and II (PC241 and PC242)  
Modern Physics (PC251)  
Electronics (PC261)  
Techniques of Experimental Physics (PC361) or Observational Astronomy (PC362)



Three physics electives numbered 262 or higher

Recommended Electives:

Mechanics (PC341)

Thermal Physics (PC349)

Solid State (PC333)

Optics (PC354)

Senior Seminar (PC450)

Introductory Geology (GY130, two units) or Physical Geology (GY140, one unit)

Introduction to Geophysics (GY308)

Two of the following three geology courses:

Tectonics (GY 240)

Structural Geology (GY315)

Geomorphology (GY320)

Calculus I, II, and III (MA 126, MA 129, and MA 204)

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.

Requirements:

Introductory Classical Physics I and II (PC241 and PC242)

Modern Physics (PC251)

Electronics (PC261)

Techniques of Experimental Physics (PC361) or Observational Astronomy (PC362)

Three physics electives numbered 262 or higher

Recommended Electives:

Solid State (PC333)

Thermal Physics (PC349)

Optics (PC354)

Quantum Mechanics I and II (PC441 and PC442)

Senior Seminar (PC450)

General Chemistry I and II (CH107 and CH108)

Physical Chemistry I and II (CH366 and CH367)

Calculus I, II, and III (MA126, MA129, and MA204)

Recommendations:

One or more summer research programs in physics or physical chemistry

Analytical Chemistry (CH241)

Organic Chemistry I (CH250)

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.

**Requirements:**

Introductory Classical Physics I and II (PC241 and PC242)  
Modern Physics (PC251)  
Electronics (PC261)  
Techniques of Experimental Physics (PC361) or Observational Astronomy (PC362)  
Three physics electives numbered 262 or higher  
Senior Seminar (PC450)  
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  
Calculus I, II, & III (MA126, MA129, & MA204)

**Recommendations:**

Astronomy (PC133)  
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.

**Requirements:**

Introductory Classical Physics I and II (PC241 and PC242)  
Modern Physics (PC251)  
Electronics (PC261)  
Either Techniques of Experimental Physics (PC361) or Observational Astronomy (PC362)  
Computational Physics (PC253)  
2 physics electives PC 262 or higher  
Senior Seminar (PC450)  
Computer Science I (CP122)  
Computer Science II (CP222)  
Software Design (CP274)  
Computer Organization (CP275)  
Calculus I, II, & III (MA126, MA129, & MA204)

**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 Introductory Classical Physics I  
PC242 Introductory Classical Physics II  
PC251 Introductory Modern Physics  
PC261 Electronics I  
Plus one additional course, level 200 or higher

### **Courses**

#### **Physics**

**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 2017-18).

.5 to 1 unit

**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 2017-18).

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.) May meet either the Critical Perspectives: Scientific Investigation of the Natural World or The West in Time requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

1 unit — Burns

**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. May meet either the Critical Perspectives: Scientific Investigation of the Natural World or The West in Time requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

*Prerequisite:* Physics 123.

1 unit — Westphal

**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. (Not offered 2017-18).

1 unit

**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 2017-18).

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 — Hilt, Klebe, Lang

### **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 2017-18).

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 2017-18).

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 2017-18).

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 — Cervantes, Gosnell, Hilt, Purdue

**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 — Barriquand, Cervantes

**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.

1 unit — Lang

**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.

*Prerequisite:* consent of instructor.

.5 unit — Langner

**PC220** Topics in Physics:

Courses offered under this rubric will vary year to year. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2017-18).

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 2017-18).

*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 — Barriquand, Burns, Cervantes, DiCenzo

### **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 — Cervantes, DiCenzo, Gosnell, Hilt

### **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, Whitten

### **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

### **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 — Cervantes, DiCenzo, Hilt

### **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 2017-18).

*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, magnetics, gravity, and geodesy. Explores history of Earth's formation, current geologic and tectonic problems, and uniqueness of interpretation issues. (Not offered 2017-18).

*Prerequisite:* Calc 1 (Mathematics 125 or 126). Introductory Physics (Asian Studies 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 — DiCenzo

### **PC320** Topics in Physics: Solid State Physics

Courses offered under this rubric will vary year to year.

*Prerequisite:* Physics 251.

1 unit — Barriquand

### **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. (Not offered 2017-18).

*Prerequisite:* Physics 251.

1 unit

### **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 2017-18).

*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-Boltzmann, 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 — Hilt

**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 — Cervantes

**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.

*Prerequisite:* Physics 251.

1 unit — Gosnell

**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. (Not offered 2017-18).

*Prerequisite:* Physics 251.

1 unit

**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 — Cervantes, Purdue

**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 — Burns

**PC370** Readings in Physics:

Directed readings in selected areas of physics with discussions and written reports.



1 unit — Drossman

**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 — Gosnell

**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.

1 unit — Burns

**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 2017-18).

*Prerequisite:* Environmental Program 212 or Chemistry 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 — Gosnell

**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 — Hilt

**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

**PC461** Field Research in Physics

The design, execution, and evaluation of field research in physics. Use of instrumentation including computerized data acquisition, construction and testing of equipment for fieldwork, planning a field program and carrying out field research, analyzing and reporting results. PC 461 is a 1/2 unit extended format course, and must be completed prior to PC 462, the 1 unit block course devoted to field research.

*Prerequisite:* Physics 251, 261 or consent of instructor Must be completed prior to 462.

.5 unit — Cervantes

**PC462** Field Research in Physics

The design, execution, and evaluation of field research in physics. Use of instrumentation including computerized data acquisition, construction and testing of equipment for fieldwork, planning a field program and carrying out field research, analyzing and reporting results. PC 461 is a 1/2 unit extended format course, and must be completed prior to PC 462, the 1 unit block course devoted to field research. (Not offered 2017-18).

*Prerequisite:* Physics 461.

1 unit

**PC470** Readings in Physics:

Directed readings in selected areas of physics with discussions and written reports.

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:* Physics 251, 261 & consent of instructor.

.5 to 1 unit

## Political Science

*Applicable for the 2017-2018 academic year.*

**Political Science Website** (<http://www.coloradocollege.edu/academics/dept/politicalscience/>)

Professors CRONIN, FULLER, HENDRICKSON, R. LEE (chair), LINDAU; Associate Professors GOULD, E. GRACE, PRICE-SMITH; Assistant Professors COGGINS, MCKENDRY, WITTMER, Visiting 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: American Politics, 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.

### **Students must take:**

- 1) In the American politics subfield:  
PS 200 - American 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 205 - Foundations of Political Economy or  
PS 270 - Liberty and Equality or  
PS 292 - American Political Thought or  
PS 298 – What is Political Philosophy?

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 American politics subfield; 209 or 225 in the international relations subfield; 236 in comparative politics; 205 or 270 or 292 or 298 in the political theory subfield. Either 209 or 225 can be counted toward the minor, but not both.
- 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 2017-18).

*Prerequisite:* No credit after 103.

1 unit

##### **PS103** Western Political Traditions

A survey of the experiences and ideas that have shaped political life in the West. Treatment of selected periods and political philosophies from Ancient Greece through the 20th century. The foundations and development of liberal-democratic thought, together with critiques of, and alternatives to, liberal-democratic thought and practice. Focus on the constitutional democracy of the United States. (Cannot be taken after PS 101.) (Offered as an FYE course.) Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

*Prerequisite:* No credit after Political Science 101.

1 to 3 units

##### **PS115** 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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

2 units

##### **PS123** Race in America: A Conversation

(Not offered 2017-18).

.5 unit

**PS150** Fundamental Debates on the Common Good

A major controversy in the history of Western political philosophy has been over the foundation and aims of political rule. Crucial to this debate is the question of the character and limits of a 'common good,' and indeed, the question whether such a good can even exist. Basic but competing perspectives, drawn from ancient, medieval, modern, and contemporary texts, will be examined, and stress will be placed on how the question of the 'common good' continues to animate political debate, as well as on its potential for shaping a student's moral and political outlook. (Offered as an FYE course.) Meets the Critical Perspectives: The West in Time requirement.

1 or 2 units — Grace

**PS200** American 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 — Cronin, Derdzinski

**PS203** Topics in Politics:

1 unit — Alters, Chandrani, Coggins, Derdzinski

**PS204** Topics in Politics: The Prison-Industrial Complex

An examination of shifting notions of crime and punishment in the United States and their political and social consequences. Primary focus on the growing incarceration rate, emerging corrections practices and philosophies, the rise of privatization and emergence of a 'revolving door' prison economy. (Not offered 2017-18).

.5 to 1 unit

**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.

1 unit — Fuller

**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 — Hendrickson, Price-Smith

**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.

1 unit — Galves

**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.

1 unit

**PS212** The Civil Rights Movement

A survey of the Civil Rights Movement from the Montgomery bus boycott of 1955 to the assassination of Martin Luther King in Memphis in 1968. Particular emphasis on the enduring legal, political, and social effects of the movement. (Not offered 2017-18).

.5 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 2017-18).

1 to 3 units

**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 unit — Grace

**PS225** Conduct of American 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 — Foerster, Gould, Price-Smith

**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

**PS227** 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. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2017-18).

1 unit

**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.

.5 to 1 unit

**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 2017-18).

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. (Not offered 2017-18).

1 unit

**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.

1 unit — Lindau, Sorace

**PS242** Conservatism & Liberalism

Examination of leading conservative and liberal thinkers in America since 1945. (Not offered 2017-18).

1 unit

**PS243** Southeast Asian Politics

By providing an overview of states and societies in pre-colonial, colonial, and post-colonial Southeast Asia, this course aims to make sense of key forces which have shaped the region's diverse political systems today—the military juntas in Burma and Thailand, the socialist regime in Vietnam, single party dominant systems in Singapore and Malaysia, and multiparty presidential systems in Indonesia and the Philippines. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2017-18).

1 unit

**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 2017-18).

1 unit

**PS248** Environmental Politics of Agriculture

This course focuses on the historical and contemporary processes of environmental change and agrarian transformation as a result of resource scarcity, scientific progress, and capitalist development. Meets the Critical

Perspectives: Social Inequality requirement. (Not offered 2017-18).

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 2017-18).

1 unit

**PS254** Democracy & Justice

(Not offered 2017-18).

.5 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 2017-18).

1 unit

**PS272** 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. (Not offered 2017-18).

1 unit

**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

*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 — McKendry

**PS290** Foundations of Political Thought

Examines the origins and development of political theory from Plato to Machiavelli. (Not offered 2017-18).

*Prerequisite:* Meets AP:A if taken immediately before Political Science 101.

1 unit

**PS292** American Political Thought

An examination of the political theory of the American founding and its relevance to contemporary political problems.

1 unit — Fuller

**PS296** The Politics of the Legal Process

Norms and processes of courts and the legal professions. How they shape and are shaped by public policy and



political culture. Emphasis given to interpretation of statutes, common law, and the U. S. Constitution. (Not offered 2017-18).

1 unit

**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?

1 unit — Grace

**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 2017-18).

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? (Not offered 2017-18).

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 2017-18).

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 2017-18).

1 to 2 units

**PS310** Post-Communist Politics and Literature

Examination of post-communist political and economic changes in Eastern Europe, Central Europe, and Russia following the fall of communism through the lenses of political theory, economic theory, and literature. Exploration of how literature not only reflects and comments on political and economic developments but also enacts them. (Not offered 2017-18).

*Prerequisite:* 200 or 300-level literature course in Comparative Literature, English or other literature course; any 100 or 200 level Political Science course; or Consent of Instructor.

1 unit

**PS311** Contemporary International Politics

An examination of the conflict zones of the contemporary international system, with typical focus on East Asia, the Middle East, and Europe (Not offered 2017-18).

1 to 2 units

**PS312** Balkan Politics-Disintegration & Rebirth

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 2017-18).

.5 to 1 unit

**PS313** Comparative Politics: The Middle East and North Africa

A comparative study of the internal politics of selected states in the region, with emphasis on the relationship between the religious and political spheres and on the question of democratization. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Lee

**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.

1 unit — Lee

**PS315** Parties and Voting Behavior

Current philosophies and strategies for victory of the Democratic and Republican parties in the United States. Emphasis on group voting behavior and recent election statistics. (Not open to students who have taken Topics in Politics: Electoral Politics and Voting Behavior.) (Not offered 2017-18).

1 to 2 units

**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.

1 unit — Hendrickson

**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.

1 unit — Cronin

**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 2017-18).

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

**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

**PS322** Russia & the World

(Not offered 2017-18).

1 unit

**PS323** Minority Politics

A comparative analysis of the political experience and responses of major ethnic minorities and women to the American political process. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2017-18).

1 unit

**PS324** Environmental Law and Policy for 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). (Not offered 2017-18).

1 unit

**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** 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 community. (Not offered 2017-18).

1 unit

**PS327** 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. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2017-18).

1 unit

**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 — Lee, Murphy

**PS331** Comparative Politics: China

The development of Chinese politics, with 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.

1 unit — Sorace

**PS333** Building The European Union: Integration, Institutions and Politics

Students acquire the historical background and analytical tools necessary to understand the European Union. Covers EU history, institutions, and contemporary policies. (Not offered 2017-18).

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 2017-18).

*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

**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 — Grace

**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 2017-18).

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 2017-18).

*Prerequisite:* Political Science 209, 225 or consent of instructor.

1 unit

**PS351** State Formation and Social Movements

Examines the historical processes of state formation in the West and elsewhere. Explores reactions from societies, which took the forms of social movements--from peasant rebellions to social revolutions. (Not offered 2017-18).

1 unit

**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.

1 unit — Price-Smith

**PS358** Environment, Health and Security

Focuses on the global dimensions of environmental change, resource scarcity, and their interactions with human health within the domain of political science. Examines the utility of orthodox 'national security' paradigms versus emerging conceptualizations of 'human security.' (Not offered 2017-18).

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. (Not offered 2017-18).

1 unit

**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.

*Prerequisite:* Junior standing or consent of instructor.

1 unit — Fuller

**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, McKendry

**PS380** Constitutional Law in American 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.

*Prerequisite:* consent of instructor or Political Science 200.

1 unit — Galves

**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 2017-18).

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.)

1 unit — Lindau

**PS403** Independent Study:

1 unit — Fuller

**PS404** Tutorial in American Politics

*Prerequisite:* consent of instructor.

1 unit — Coggins, Wolfe

**PS408** Tutorial in Political Theory

May be taught as a block course or as an extended format year-long course.

*Prerequisite:* consent of instructor.

1 unit

**PS410** Tutorial in International Relations

*Prerequisite:* consent of instructor.

1 unit — Hendrickson, Price-Smith

**PS412** Tutorial in Comparative Politics

*Prerequisite:* consent of instructor.

1 unit — Lee, 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 to 2 units

**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.)

## Psychology

*Applicable for the 2017-2018 academic year.*

**Psychology Website** (<http://www.coloradocollege.edu/academics/dept/psychology/>)

Professors ERDAL, DRISCOLL, HORNER (chair), JACOBS, ROBERTS; Associate Professors CHAN, WATERS; Assistant Professor HOLMES; WEAVER.

Consistent with the liberal arts tradition, the Department of Psychology 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 Department of Psychology provides broad coverage of academic psychology, emphasizing empirical research literature and a scientific understanding of human and non-human animal behavior.

Psychology majors are expected to obtain methodological competence in a variety of research techniques, which are introduced in statistics and 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. Psychology majors are expected to understand and uphold this ethical responsibility. Psychology majors acquire a knowledge base in core areas of psychology, with an expectation for depth of inquiry in advanced study. Psychology 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 will 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.

Current course offerings can be found via the Courses menu link.

**Note: Any substitutions or transfer courses must be approved by the psychology faculty. (Submit your requests 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

[PY111](#) Introduction to Psychology: General Laws and Individual Differences (2 block FYE).

2. **ONE** Methods and Statistics course:

[PY202](#) Research Design (2 blocks)

3. **FIVE** "Core" Psychology courses, one from each content area, plus one:

A) [PY297](#) Neuroscience I\*

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 or [PY298](#) Neuroscience II\*\*)

\* PY202 is a prerequisite for all Core courses except for PY281, PY297, and PY298.

\*\*PY297 Neuroscience I is a prerequisite for PY298 Neuroscience II.

4. **TWO 400-Level** Psychology Department seminar courses

Thesis courses (PY451, PY452, PY453) are not seminar courses and do not satisfy this requirement.

5. **ONE** Block (at least) of Research Experience (PY251 or PY451)



**PY251** Psychological Investigations  
**PY451** Final Project

6. **ONE** Mathematical Competency course:

**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 your academic advisor 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 fill 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 PY100 or PY111) 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 allows access to required courses: PY202, PY281, and PY297.  
Recommended: 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), (PY332 or PY344 or PY321).  
Completing PY297 allows access to optional core course PY298.  
Recommended: Complete all five Core courses during the second and third year. Seek PY251 opportunities where available.

### Fourth Year:

400-level seminars generally require an intro course, PY202, and an additional Core course.  
Recommended: Take 400-level seminars during the third or fourth year.

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 — Driscoll, Horner, Jacobs, Roberts

#### **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 2017-18).

*Prerequisite:* No credit if taken after 100.

1 to 2 units

**PY107** Brain and Society

Explorations of the individual and society from a brain-based perspective. Humans are relatively large, hairless, social primates with large brains. This course explores how humans fit in the natural world and shape their social environment from a neutral-based perspective. Research from neuroscience, evolutionary, and behavioral biology is examined to provide scientific insight into topics such as social behavior, politics, racism, religion, love, and psychiatric disorders. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2017-18).

1 unit

**PY107** Brain and Society

Explorations of the individual and society from a brain-based perspective. Humans are relatively large, hairless, social primates with large brains. This course explores how humans fit in the natural world and shape their social environment from a neutral-based perspective. Research from neuroscience, evolutionary, and behavioral biology is examined to provide scientific insight into topics such as social behavior, politics, racism, religion, love, and psychiatric disorders. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2017-18).

1 unit

**PY109** Social Psychology

(Not offered 2017-18).

1 unit

**PY109** Social Psychology

(Not offered 2017-18).

1 unit

**PY111** Introduction to Psychology: General Laws and Individual Diff

Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Not offered 2017-18).

*Prerequisite:* First Year Experience Course.

2 units

**PY116** Cultural Psychology

Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2017-18).

*Prerequisite:* First Year Experience Course, Must take Anthropology 102 for credit.

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 — Dobson

**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.

1 unit — Horner

**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 2017-18).

*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

**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 — Roberts, Weaver

**PY181** Attitudes, Persuasion, and Social Influence

The goal of this course is to help us understand the psychology behind persuasion and social influence. Content will include topics such as: What is an attitude? How are attitudes formed? Under what conditions are attitudes changed (or remain resistant to changes)? How well does our behavior correspond to our attitudes? What effects do persuasion tactics have on our behavior? Students will learn about psychology theories, examine real life examples, and conduct research on persuasion. Students will also reflect on the role of persuasion in society and the ethics associated with using psychological research in applied settings such as in marketing and politics. (Not offered 2017-18).

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 2017-18).

.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 111.

1 or 2 units — Erdal, Horner, 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 2017-18).

*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.

1 unit — Driscoll, Erdal, Holmes, 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

Theory, research, and the reality of the everyday classroom are examined to evaluate important issues teachers face: cognitive development, social-emotional issues, motivation, sex roles, management of problematic classroom behaviors, skill enhancement for both teachers and students, and other topics of current controversy and interest. Enrollment is open to all students interested in the theory and practice of teaching. The course may be taken for graduate credit with consent of the Assistant Dean (AD) of the Summer Session (SS). (Cross listings: ED 321, PY 521, ED 521. Contact Charlotte Mendoza [cmendoza@ColoradoCollege.edu; ext. 6472] in the CC Department of Education for enrollment and consent information. For the AD of SS, contact summer@coloradocollege.edu). (Not offered 2017-18).

1 unit

**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

**PY297** Neuroscience I

An introduction to the neural foundations of behavior. Explores the anatomical, physiological, and pharmacological underpinnings of topics such as development, movement, sensation, and cortical processing. Laboratory work emphasizes gross neuroanatomy, neurohistology, neurophysiology, and neuropharmacology.

*Prerequisite:* Psychology 100 or 101 or 111 or Biology 131 or consent of instructor.

1 unit — Driscoll, Jacobs

**PY298** Neuroscience II

A direct extension of topics covered in Neuroscience I (PY297), with emphasis on integrative neural systems. Explores complex aspects of neurophysiology, neuropharmacology, motor systems, auditory systems, language, memory, emotions, and neuroplasticity. Laboratory work emphasizes comparative neuroanatomy and systems neuroscience. PY298 is designed to be taken immediately after completion of PY297.

*Prerequisite:* Psychology 297, Neuroscience I.

1 unit — 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 2017-18).

*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, 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.

*Prerequisite:* Psychology 299. Does NOT count toward Neuroscience major.

.5 unit — Jacobs

**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. (Not offered 2017-18).

*Prerequisite:* Psychology 202 or consent of instructor.

1 unit

**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.

*Prerequisite:* Psychology 202 or consent of instructor.

1 unit — Horner

**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 — Holmes

**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, 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. Psychology 362 recommended or consent of instructor.

.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. (Not offered 2017-18).

*Prerequisite:* Psychology 202.

1 unit

**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 2017-18).

*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, 297 and 298.

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.

*Prerequisite:* Psychology 202 and 374 ( 362 or 297 recommended).

1 unit — Waters

**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 2017-18).

*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.

*Prerequisite:* Psychology 202, 297 and 298.

1 unit — Jacobs

**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 2017-18).

*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 2017-18).

*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 2017-18).

*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. (Not offered 2017-18).

*Prerequisite:* Psychology 362 or 374.

1 unit

**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.

*Prerequisite:* Psychology 202, and either 309, 332 or 344.

1 unit — Horner

**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. (Not offered

2017-18).

*Prerequisite:* Psychology 202, 3 core courses in Psychology, or consent of instructor.

1 unit

**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

*Prerequisite:* Psychology 202 and Psychology 344 or consent of instructor.

1 unit — Holmes

**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 2017-18).

*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 — Driscoll, Erdal, Holmes, 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.

1 unit — Driscoll, Jacobs

**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 — Jacobs

## **Race, Ethnicity, and Migration Studies**

*Applicable for the 2017-2018 academic year.*

**Race, Ethnicity, and Migration Studies Website** (<https://www.coloradocollege.edu/academics/dept/raceethnicitymigration>)

Professor GARCIA (chair), Assoc. Professor HERNANDEZ-LEMUS, Asst. Professor RATCHFORD, Asst. Professor 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, Ethnicity, and Migration

RM 212 Theories of Race and Ethnicity

RM 218 Critical Analysis of Quantitative Data

RM 215 Interdisciplinary Research Methods (pre-requisite REM 185 Introduction to the Comparative Study of Race, Ethnicity, and Migration) or other methods course approved by the director

RM 312 Theories of Migration and Diaspora (Pre-requisite REM 185 Introduction to the Comparative Study of Race, Ethnicity, and Migration or 212 Theories of Race and Ethnicity)

RM 400 Senior Seminar

RM 499 Senior Project A research based, comparative, and intersectional analysis grounded in critical theories of race, ethnicity, and migration.

#### *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. A single elective course may not fulfill more than one requirement on the student's transcript, though one course may fulfill more than one major or minor requirement.

- One comparative cross-listed course
- One course focused on a particular racial or ethnic group
- One course that engages critical historiography
- One course focused on colonialism, neo-colonialism, or post-colonialism
- One course focused on social movements and/or activism
- One practicum or community based research class

TOTAL: 13 Units

## **Minor Requirements**

### **The Minor**

1. RM 185 Introduction to the Comparative Study of Race, Ethnicity, and Migration Studies
2. RM 212 Theories of Race and Ethnicity or another cross-listed course that theorizes race such as REM 200/PH 285 Philosophy and Race. Other courses offered in a given block may be considered in consultation with members of the REMS Core Faculty
3. RM 312 Theories of Migration
4. RM 218 Critical Quantitative Analysis Course or approved Methods course
5. 1 RMS Cross-listed course
6. An Integrative Experience, capstone project demonstrating the student's ability to conduct a critical examination of racial and ethnic groups or an issue related to migration. It could consist of a thesis, an internship with a critical component, or other independent work, to be completed after other requirements have been fulfilled. Proposals for the Integrative Experience are approved by members of the REMS Core Faculty and evaluated by the director and a faculty advisor assigned to the student.

## 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 2017-18).

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. (Not offered 2017-18).

1 unit

#### **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. (Not offered 2017-18).

1 unit

#### **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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

2 units

#### **RM130** World Music Ensemble: Mariachi Tigre

(Not offered 2017-18).

.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 2017-18).

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. (Proposed cross-listing with American Cultural Studies.) Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2017-18).

1 unit

**RM183** Community Organizations in the Southwest

(Not offered 2017-18).

.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 — Ratchford, Robertson

**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 — Cramer, Dantzer II, Guessous, Hayward

**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 — Hosemann

**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 2017-18).

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 2017-18).

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. (Not offered 2017-18).

*Prerequisite:* Feminist & Gender Studies 110 or Race, Ethnicity, & Migration 185.

1 unit

**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 2017-18).

1 unit

**RM215** Research Design: Method and Theory

1 unit — Sawyer

**RM218** Critical Analysis of Quantitative

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 — Robertson

**RM219** African Dance

.25 unit — Goudiaby

**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.

1 unit — Ratchford

**RM221** Topics in Ethnomusicology: African Music

1 unit — Blasenheim

**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 2017-18).

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 2017-18).

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 2017-18).

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 2017-18).

1 unit

**RM231** Hip Hop Dance

.25 unit — Jules

**RM232** Hip Hop Dance

.25 unit — Jules

**RM233** Topics in Journalism: Writing Inequality

(Not offered 2017-18).

1 unit

**RM238** Colonial Hispano-America

(Not offered 2017-18).

1 unit

**RM239** History of Mexico

(Not offered 2017-18).

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 2017-18).

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 — Montano

**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.

1 unit — Ratchford

**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

**RM245** Martin Luther King, Jr. and Malcolm X

(Not offered 2017-18).

1 unit

**RM248** History of Korea

(Not offered 2017-18).

1 unit

**RM250** Asian American Literature

(Not offered 2017-18).

1 unit

**RM253** Literature of the American Southwest:

(Not offered 2017-18).

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 — Popkin

**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 2017-18).

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 2017-18).

1 unit

**RM273** Southwest Arts & Culture

(Not offered 2017-18).

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

**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 2017-18).

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. (Not offered 2017-18).

1 unit

**RM290** Racial and Ethnic Identities (with Emphasis on Writing)

(Not offered 2017-18).

1 unit

**RM300** Advanced Topics in Race, Ethnicity, and Migration Studies:

Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Figueroa, Guessous, Leza

**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 2017-18).

*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 2017-18).

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 2017-18).

*Prerequisite:* Feminist & Gender Studies 110, Feminist & Gender Studies 200, or consent of instructor).

1 unit

**RM310** Anthropology and the History of Ideas

(Not offered 2017-18).

*Prerequisite:* Anthropology 102 or consent of instructor.

1 unit

**RM311** Cultural Perspectives in Dance

Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Carrico

**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.

1 unit — Naji

**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 2017-18).

1 unit

**RM321** Rio Grande: Culture, History and Region

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2017-18).

*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 2017-18).

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 2017-18).

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 Martí and Flores Magón and the contemporary works of Hinojosa, Mohr, Laviera, Rivera, Alegria, and Valenzuela. (Not offered 2017-18).

*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 2017-18).

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 2017-18).

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.

1 unit — Sawyer

**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 2017-18).

*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 2017-18).

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 2017-18).

*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.

1 unit — Garcia

**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 2017-18).

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.

*Prerequisite:* Race, Ethnicity, and Migration 185, 212, and 318.

1 unit

**RM499** Senior Project:

1 unit — Robertson

## Religion

*Applicable for the 2017-2018 academic year.*

**Religion Website** (<http://www.coloradocollege.edu/academics/dept/religion/>)

Professor COLEMAN; Associate Professors GARDINER, WRIGHT (chair); Assistant Professors PREMAWARDHANA, REAVES; Visiting Associate Professor SHAW; Visiting Assistant Professor BALOGH.

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 (111, 112, 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 Thesis Preparation (405) in the fall of the senior year.
6. Senior Thesis (406) in the spring of the senior year.

## 7. [Major Checklist](#) (pdf file)

**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.

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. 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.

### 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 2017-18).

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 2017-18).

1 unit

##### **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.

1 unit — Balogh

**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 — Premawardhana

**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

**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 — Coleman, Gardiner

**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 2017-18).

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 2017-18).

*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 2017-18).

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.

1 unit — Reaves

**RE208** Religion and Ritual

(Not offered 2017-18).

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 2017-18).

*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 2017-18).

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 2017-18).

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.

1 unit — Weddle

**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.

1 unit — Premawardhana

**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 2017-18).

1 unit

**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. (Not offered 2017-18).

1 unit

**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 2017-18).

1 unit

**RE300** Topics in Religion:

1 unit — Chandrani, Gardiner, Premawardhana

**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 2017-18).

*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 2017-18).

1 unit

**RE345** The Dervish Diaries

Selected readings in Islamic literature in translation. Meets the Critical Perspectives: Global Cultures requirement.

*Prerequisite:* Religion 140.

1 unit — Wright

**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 2017-18).

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.

*Prerequisite:* Religion 160 or Religion 170 or consent of instructor.

1 unit — Coleman

**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.

*Prerequisite:* Religion 160 or Religion 170 or consent of instructor.

1 unit — Coleman

**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 2017-18).

*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 2017-18).

*Prerequisite:* Religion 160 or consent of instructor.

1 unit

**RE363** 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. (Offered in alternate years.) Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2017-18).

*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 2017-18).

*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. (Not offered 2017-18).

*Prerequisite:* Religion 170 or consent of instructor.

1 unit

**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 — Wright

**RE406** Senior Thesis

1 unit — Coleman, Gardiner, Wright

## Russian and Eurasian Studies

*Applicable for the 2017-2018 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, 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 2017-2018 academic year.*

**Sociology Website** (<http://www.coloradocollege.edu/academics/dept/sociology/>)

Professor GIUFFRE; Associate Professors MURPHY-GEISS (associate chair), POPKIN (chair), W. ROBERTS, WONG; Assistant Professors DANTZLER, MUNOZ; Visiting Instructors HANNSCOTT, SCHNEIDER

Welcome to the Department of Sociology. We seek to understand the actions of individuals by situating them within the social contexts in which they take place. Sociologists are interested in discovering the underlying regularities of social life, how these patterns of people's behavior have come to be, and how they differ across both time and space. We analyze both how these structures shape and how they are reproduced and transformed by our actions. The scope of sociology is quite broad, ranging from the study of fleeting encounters in public to the analysis of global social processes. The purpose of our curriculum is to familiarize students with the basic approach and findings of sociology, its methods of gathering and evaluating evidence, its major theoretical approaches, and the ways in which sociological knowledge can both enrich our self-understandings and enhance our capacities for democratic citizenship.

Sociology prepares students for a wide variety of careers. Our students have gone on to careers in the public, private, and nonprofit sectors. Many of our alumni pursue graduate degrees in sociology, law, 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 our First-Year Experience courses, Thinking Sociologically (**FE137**) and Law & Society (**SO240**). 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**), Creativity: Theory and Practice (**SO115**), 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** Development of Sociological Thought [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

For more information on the major, contact the Associate Chair, **Professor Gail Murphy-Geiss**.

## 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.

1 unit — Murphy-Geiss, Schneider

#### **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 — Dantzer II, Murphy-Geiss

#### **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 2017-18).

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 2017-18).

1 unit

#### **SO109** Social Psychology

(Not offered 2017-18).

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. (Not offered 2017-18).

1 unit

### **SO113** 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. (Not offered 2017-18).

1 unit

### **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 2017-18).

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 — HannsScott

### **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. (Not offered 2017-18).

1 unit

### **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 2017-18).

.25 unit

### **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. (Not offered 2017-18).

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 2017-18).

*Prerequisite:* Any 100-level Sociology or Religion course or consent of instructor.

1 to 2 units

### **SO228** Development of Sociological Thought:

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 — Dantzer II

### **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

### **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 2017-18).

*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. (Not offered 2017-18).

*Prerequisite:* Any 100-level SO course or consent of instructor.

1 unit

### **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 2017-18).

*Prerequisite:* Any 100-level SO course or consent of instructor.

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.

*Prerequisite:* Any 100-level Sociology course or consent of instructor.

1 unit — Murphy-Geiss

#### **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 2017-18).

*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 2017-18).

*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 an 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 — Popkin

**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 2017-18).

*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.

*Prerequisite:* Any 100-level SO course; consent of instructor.

1 unit — Popkin

**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 — Hannscoff

**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. Meets the Critical Perspectives: Global Cultures requirement.

*Prerequisite:* Any 100 level SO class or consent of instructor.

1 unit — Figueroa, Golightly, Muñoz, Popkin

**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 — Schneider

**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 2017-18).

*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 2017-18).

*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

**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 2017-18).

*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. (Not offered 2017-18).

*Prerequisite:* Any 200-level SO course or consent of instructor.

1 unit

### **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 2017-18).

*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

### **SO320** Contemporary French Society

An examination of contemporary French society through the sociological analysis of structures, 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, leisure, food, and time. Taught in France; conducted in English, limited to 12 (Not offered 2017-18).

*Prerequisite:* Sociology 228 and Sociology 229; consent of instructor (taught in France).

1 unit

### **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 2017-18).

*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 — Dantzer II

### **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.

1 unit — Dantzer II, Schneider

### **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.

1 unit — Dantzer II

### **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. (Not offered 2017-18).

*Prerequisite:* Sociology 228 and Sociology 229 or consent of instructor.

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 — Murphy-Geiss, Muñoz, Popkin

### **SO451** Senior Seminar

Advanced study of a topic of sociological significance.

*Prerequisite:* Sociology 450.

1 unit — Dantzer II

## **Spanish and Portuguese**

*Applicable for the 2017-2018 academic year.*

**Spanish and Portuguese Website** (<http://www.coloradocollege.edu/academics/dept/spanish/>)

Professor: C. LOMAS (Chair); Associate Professors: A. MARINESCU; D. ARROYO-RODRIGUEZ; C. RUIZ; N. WOOD; Assistant Professor J. JAQUE; Visiting Professor M. DANIELS; Visiting Instructor M. SLAYDEN

## Major Requirements

A student majoring in Spanish has two Spanish major options:

### Spanish — Hispanic Studies

- A. 2 prerequisite courses: 305 (or 312) & 306
- B. 2 courses in Peninsular Literature
  - 1) 327: Golden Age OR 328: Don Quixote
  - 2) 331: 19th Century OR 333: Contemporary Spanish
- C. 2 courses in Hispanic American Literature
  - 1) 324: Colonial Hispanic American OR 325: Modern Hispanic American OR 326: Contemporary Hispanic American
  - 2) 338: US Latina/or Literature OR 339: Chicana/o Literature
- D. 2 literature or culture courses at the 300-level
  - Any of the courses listed above (B.-D.) OR
  - 304: Cultural Context and Oral Practice; 307: Hispanic Culture; 311 Spanish Theatre Workshop; 312: Oral Practice and Composition Abroad; 316: Topics in Hispanic Literature and Culture; or 409: Independent Reading (senior majors only; consent of department required)
- E. 1 course in Research Methods: 431
- F. 1 course in Senior Thesis OR project
  - 432: Honors Senior Thesis -- only open to majors with 3.5 (college) & 3.7 (dept.) GPAs
  - OR
  - 433: Senior Project

TOTAL: 10 units

### Romance Languages (Spanish Major; second language focus in French or Italian)

- A. 2 prerequisite courses: 305 (or 312) & 306
- B. 3 literature or culture courses at the 300-level
- C. 1 course in Research Methods: 431
- D. 1 course on Senior Thesis or Project
  - 432: Honors Senior Thesis -- only open to majors with 3.5 (college) & 3.7 (dept.) GPAs
  - OR
  - 433: Senior Project
- E. Second-language focus
  - Courses for second-language focus in **FRENCH**:  
FR305 and 2 French or Francophone Culture or literature courses  
Elementary or more advanced Italian, Portuguese, or Latin
  - Second-language focus in **ITALIAN**:  
IT305 and two additional Italian literature or culture courses;  
Elementary or more advanced French, 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 — 6 units beyond SP 101 (declared prior to Fall 2014):

The prerequisite for admission to the minor is 101 (2 units) or equivalent. Students must complete a minimum of six courses, including the following: 201, 305, 306 and two 300-level courses. Students may count up to two units of Spanish AP credit (i.e., the equivalent of 201) toward the minor. Students who initially place at the 300-level as a result of previous Spanish, must complete four CC Spanish courses at the 300 level. College transfer credit will be accepted, but at least three 300-level Spanish courses must be completed at Colorado College.

### Spanish Minor -- 5 units beyond SP201 (effective Fall 2014):

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 2017-18).

*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.

2 units — Bizzarro, Marinescu, Ruiz, Slayden

#### **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 — Pareja Alfaro

#### **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 — Pareja Alfaro

**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 — Arroyo-Rodriguez, Bizarro, JaqueJaque, Marinescu

**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 — Pareja Alfaro

**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 — Pareja Alfaro

**SP209** Spanish Theater Workshop

Participation in performance and production of a Spanish-language play, presented in Spanish. Rehearsal time 6-8 weeks. (Not offered 2017-18).

.25 unit

**SP299** Intensive Communication Practice and Grammar Review

This two-week (half-block) course will use a communicative approach to review and practice the essential structures and concepts of Spanish grammar. It is intended to prepare students for courses at the 300 level. As the need exists, this course may be tailored to serve as an introduction to a program conducted in a Spanish-speaking country, in which case it will also include orientation to the country and culture. (Not offered 2017-18).

*Prerequisite:* Spanish 201 or equivalent or placement at the 300 level.

.5 unit

**SP301** Review of Language with Emphasis on Civilizations and Cultures of the Spanish-speaking Regions

*Prerequisite:* Spanish 201.

.25 unit — Pareja Alfaro

**SP302** Review of Language with Emphasis on Civilizations and Cultures of the Spanish-speaking Regions

*Prerequisite:* Spanish 201.

.25 unit — Pareja Alfaro

**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 — Lomas

### **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 — JaqueJaque, Marinescu, Ruiz

### **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 — Arroyo-Rodriguez, JaqueJaque, Marinescu

### **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.

*Prerequisite:* Spanish 305 or consent of instructor.

1 unit — Daniels

### **SP311** Spanish Theatre Workshop

Students will study several Hispanic plays and produce one play in Spanish under faculty supervision. All acting, sets and costumes will be the responsibility of the students, under the supervision of Braulio Villar, a director of the New York Repertorio espanol. (Not offered 2017-18).

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 — Arroyo-Rodriguez

### **SP316** Topics in Hispanic Literature and Culture

*Prerequisite:* Spanish 306.

.5 or 1 unit — Hernandez-Lemus, Levine, Marinescu, Ruiz

### **SP324** Colonial Hispanic American Literature and Cultures

Introduces students to Hispanic American cultures and literatures from the pre-Columbian period through the Spanish and Portuguese conquest, the Baroque, and up to the wars of Independence. Examines literary texts as well as other written documents (such as cartas, requerimientos, relaciones, declaraciones, etc.). Integrates readings from literature, anthropology, history, and art history among others. Analyzes the colonial period with the view of understanding the

formation of present-day social injustices. Critical examination of the encounters between the European and the indigenous peoples of the Americas and the consequences of these encounters. (Not offered 2017-18).

*Prerequisite:* Spanish 306.

1 unit

### **SP325** Modern Hispanic American Literatures and Cultures

Focuses on the cultural production following emancipation from Spanish and Portuguese colonial rule. Works reflect the main cultural and historical processes as well as the intellectual projects of the post-independence period. Examines neoclassicism, romanticism, liberalism, realism, indigenismo, gauchesca, as well as modernism and the early literary vanguards.

*Prerequisite:* Spanish 306.

1 unit — JaqueJaque

### **SP326** Contemporary Hispanic American Literatures and Cultures

Examines Hispanic American cultural production from the Cold War period to the present day through a selection of literary texts (poetry, essays, short stories, novels, etc.) films, music and performance. Identifies and analyzes the key issues and themes pertaining to a wide range of countries. Integrates the texts within their historical, social, and political contexts. Meets the Critical Perspectives: Global Cultures requirement.

*Prerequisite:* Spanish 306.

1 unit — Marinescu

### **SP327** Golden Age Literature and Culture

Examines topics pertaining to the Renaissance and Baroque periods, roughly from the 16th and 17th centuries. May center on cultural products from both periods or may focus on only one. Topics may be interdisciplinary and may focus on a single or multiple authors, genres, and/or themes. (Offered alternate years.) (Not offered 2017-18).

*Prerequisite:* Spanish 306.

1 unit

### **SP328** Don Quixote

Explores Miguel de Cervantes' s masterpiece El Ingenioso Hidalgo Don Quijote de la Mancha. Examines Don Quijote within its artistic, literary , and historical context. Examines Cervantes' s reading of the world around him and explores the social, political, artistic, and literary implications of the novel at the time of its publication. Considers the modern repercussions of Cervantes' s novel including subsequent critical approaches and cultural renditions, adaptations and reinterpretations to establish why it continues to be relevant today . (Offered alternate years)

*Prerequisite:* consent of instructor or Spanish 306.

1 unit — Ruiz

### **SP331** 19th Century Spanish Literature: The Advent of Modernity in Spain

Explores the major literary movements of 19th century. Spain through some of its most renowned authors. Analyzes a selection of literary texts in relation to the movements in which they are conceived, such as realism, romanticism, costumbrism, etc. Exploration of key social and political issues that affect literary production in Spain in the 1800s. Students also analyze other forms of cultural expression inspired in the literature of this period, with attention to such topics as Psychoanalytic, Marxist, and Feminist approaches (Not offered 2017-18).

*Prerequisite:* consent of instructor or Spanish 306.

1 unit

### **SP333** Contemporary Spanish Literature and Culture

Explores the major literary movements of 20th and 21st century Spanish literature and culture through some of its most renowned authors. Analyzes a selection of literary texts, films and artwork in relation to the cultural movements in which they are conceived. Explores key social and cultural issues that inform the cultural production in Spain during this period.

*Prerequisite:* Spanish 306.

1 unit — Arroyo-Rodriguez

**SP335** Mexican History and Literature Since the Revolution

Topics in 20th-century Mexican history and literature. The course is conducted on a pro-seminar basis. Taught in Mexico when offered. (Not offered 2017-18).

1 unit

**SP338** U.S. Latina/o Literatures and Cultures

Comparative study of works by U.S. Latinas/os of Mexican, Puerto Rican, and Cuban descent as well as Latin American writers in exile in the United States. Explores how these writers' shared history of Spanish colonization and U.S. imperialism has produced both similar and varying cultural representations of home and homeland, diaspora, migration, nation, community, identity history and memory.

*Prerequisite:* Spanish 306.

1 unit — Lomas

**SP339** Chicana/o Literature and Culture

Critical study of the literary production and expressive culture of people of Mexican origin in what is today the United States from the 19th century to the present. Explores cultural and artistic practices in literature (print and oral), film, visual and performing arts and how these intersect with socio-historical, economic, and political forces. Considers questions of identity construction, racialization, gender, sexuality, class and power and their cultural representations. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2017-18).

*Prerequisite:* Spanish 306.

1 unit

**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

**SP416** Topics in Hispanic Literature and Culture

Study of Hispanic authors, genres, literary periods 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. (Not offered 2017-18).

*Prerequisite:* Spanish 306.

1 unit

**SP431** Research Methods

Methods of analysis and theories of literature and culture. Training in research methodology; preparation for senior thesis or senior project; research and presentation of work in progress. Required of all majors.

*Prerequisite:* Declared major & 2 SP courses above 306 & consent of instructor.

1 unit — Lomas

### **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 — Arroyo-Rodriguez, Lomas

### **SP433** Senior Project

Intensive writing and supervised revision of senior project begun in 431 with final oral presentation. Project will be written in Spanish and will be 15-25 pages in length. Project demonstrates proficiency in written Spanish, critical analysis of relevant cultural productions, and integrated research in the area of study.

*Prerequisite:* Spanish 431.

1 unit — Lomas

## **Portuguese**

### **PG101** Elementary Portuguese

Introduces students to basic grammar structures and communication in the Portuguese language, with a focus on Brazilian culture and pronunciation. Develops proficiency in speaking, listening, reading, and writing. (Not offered 2017-18).

1 to 2 units

### **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

### **PG298** Accelerated Portuguese Abroad

This course is an intensive introduction to Portuguese language for both students who have some prior (elementary) knowledge of Portuguese language as well as those students who have no prior experience with Portuguese but have a keen and dedicated interest in the language. Through accelerated language study in the four modalities—speaking, listening, reading, and writing—students will gain elementary level skills. (Not offered 2017-18).

*Prerequisite:* consent of instructor.

1 unit

### **PG299** Accelerated Portuguese

Offers Romance Language speaking students the opportunity to study Portuguese language at an accelerated pace. Emphasizes the development of speaking, listening, reading and writing skills beyond the elementary level and incorporates readings and discussion on topics in Lusophone cultures. (Not offered 2017-18).

*Prerequisite:* Portuguese 101, Spanish, French or Italian or consent of instructor.

.5 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

### **PG305** Cultural Context and Written Expression

Advanced composition and conversation practice through the study of literary and cultural texts of the Portuguese-speaking world. Thematic and regional emphases will vary by instructor and year. (Not offered 2017-18).

*Prerequisite:* Portuguese 300 or consent of instructor.

1 unit

### **PG309** Independent Readings

This independent study is designed for students majoring in Romance Languages and/or students completing the Luso-Brazilian Studies thematic minor.

*Prerequisite:* consent of department.

1 unit

### **PG310** Accelerated Portuguese II

Designed to build on the half-block course PG299, this course offers Portuguese language students the opportunity to advance their language skills beyond the elementary level. Emphasis on the development of speaking, listening, reading, and writing skills beyond the elementary level. Incorporates readings and discussion on topics in Lusophone culture. (Not offered 2017-18).

*Prerequisite:* Portuguese 101 and Portuguese 299, or consent of instructor.

.5 unit

### **PG315** Afro-Brazilian Cultures in Brazil

This thematic course will be taught in northeastern Brazil and explores the history and culture of the nation from a multidisciplinary perspective. The course focuses on the particular configuration of race relations in Bahia and the formation of Afro-Brazilian identity and its cultural expressions from a variety of historical and contemporary perspectives with the objective of providing the tools for critical assessment of complex social and cultural relations. In addition to course discussions led by the professor, students will have the opportunity to meet with local faculty and experts in the fields of Afro-Brazilian religions, Afro-Brazilian performing arts, and Afro-Brazilian history while on site in Salvador, Brazil. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2017-18).

*Prerequisite:* consent of instructor.

.5 unit

### **PG316** Topics in Brazilian Culture

This course will explore Brazilian authors, genres, literary periods, cinematic, or cultural trends. Course structure is determined by the nature of the topic as well as instructor preference. This course may be conducted in English or Portuguese, at the discretion of the instructor. May be taught in Brazil.

*Prerequisite:* Portuguese 101.

1 unit — Wood

## **PG320** Topics in Lusophone Culture

Study of culture, genres, art film or literature of one or more Portuguese-speaking countries or region (Not offered 2017-18).

1 unit

## **Theatre and Dance**

*Applicable for the 2017-2018 academic year.*

**Theatre and Dance Website (<http://www.coloradocollege.edu/academics/dept/theatredance/>)**

Professor LINDBLADE; Associate Professors MANLEY, DAVIS-GREEN, PLATT, WOMACK (Chair), Assistant Professor GOODWIN; 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: HARRIS, HENDREN, MARBLE, ARONSON, JOHNSON, LASMAWAN, GOUDIABY, PLAZA, ECKWALL, LAUTHER, 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).

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.

## 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, Gyrotonics; *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)

### Dance Adjunct Courses

Note: 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 DS105 - DS107 Beginning Dance is an appropriate level for them. This class will provide an introduction to ballet and contemporary dance while simultaneously developing an awareness and



appreciation for anatomically correct movement technique.

Improvisation classes are useful for students wishing to do work in choreography, or for students who are curious about spontaneous process. Improvisation welcomes music, art and creative writing students who would like to work with improvisational forms.

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 begins.

## 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. Meets the Critical Perspectives: The West in Time requirement.

1 unit — Platt

#### **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 2017-18).

.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.

1 unit — Platt

#### **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-Green

#### **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 — Jules, Womack

**DA200** Topics in Dance:

Courses offered by resident and visiting faculty on specialized topics.

1 unit — Jules, 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 — Carrico

**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 2017-18).

.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 2017-18).

.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 2017-18).

.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 2017-18).

.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 — Womack

**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 2017-18).

.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.

1 unit — Platt

**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.

1 unit — Platt

**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

**DA300** Topics in Dance:

Courses offered by resident and visiting faculty on specialized topics. (Not offered 2017-18).

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.

.25 unit — Platt

**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. (Not offered 2017-18).

*Prerequisite:* consent of instructor.

.25 to 1 unit

**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. (Not offered 2017-18).

*Prerequisite:* Dance Theory 221 or consent of instructor.

1 unit

**DA311** 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. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Carrico

**DA325** Projects in Dance:

Work in dance appropriate to the needs or interests of qualified students. (Not offered 2017-18).

*Prerequisite:* consent of instructor.

.25 to 1 unit

**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 2017-18).

1 unit

**DA327** Feminist Performance

Examines how performances since 1960 by female artists have challenged the subordinate status of women in art and society. Uses readings by theorists such as Judith Butler, Sue-Ellen Case, and Peggy Phelan to identify strategic positions adopted by artists working in drama, dance, film, performance art and new media. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2017-18).

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.

1 unit — Platt

**DA400** Topics in Dance:

Courses offered by resident and visiting faculty on specialized topics. (Not offered 2017-18).

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. (Not offered 2017-18).

*Prerequisite:* Consent of Department.

.25 to 1 unit

#### **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 2017-18).

.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.

*Prerequisite:* consent of instructor.

.25 unit — Herminjard, Kedhar, Mercer, Womack

### **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. Meets the Critical Perspectives: The West in Time requirement.

1 unit — Lindblade

#### **TH101** Stagecraft Practicum

.A basic technical theatre adjunct course. Covers the vocabulary, theory, skills and application within the technical areas of sets, 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

.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 imagine 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, Manley

### **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.

1 unit — Platt

### **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-Green

### **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.

.25 or .5 or 1 unit — Aronson, Banagale, Cervantes, Manley

### **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 2017-18).

*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. (Not offered 2017-18).

*Prerequisite:* Theatre 105 and Theatre 110.

1 unit

### **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. (Not offered 2017-18).

1 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-Green

**TH211** Speech Arts

Introduction to public speaking and oral interpretation of literature. Limited to 18.

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.

.25 unit — Davis-Green, Manley, Martin

**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.

.25 unit — Davis-Green, Lindblade, Martin

**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.

.25 unit — Herminjard, Kedhar, Mercer, Womack

**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.

.25 unit — Aronson, Martin

**TH217** Writing for Performance

Fundamentals 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.

1 unit — Goodwin

**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

1 unit — Ames

**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 2017-18).

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)

1 unit — Evitt, Lindblade

**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 2017-18).

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) (Not offered 2017-18).

1 unit

**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 — Platt

**TH227** Hip Hop Aesthetics

The course will provide a historical and socio-political context for this urban folk form birthed 40 years ago in the South Bronx. Readings, video, and audio materials will enhance lectures on the origins of rap, graffiti art, beat boxing, b-boying, and turntablism. Our primary focus, however, is exploring hip hop's performance and literary aesthetics in our own writing. Students will create original hip hop inspired pieces based around the themes and ideas discussed throughout the block. Selected student work of merit will be shared in a final public performance. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2017-18).

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.

1 unit — Platt

**TH229** 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 2017-18).

1 unit

**TH240** Special Topics in Design

Courses offered by design faculty and guests on specialized topic areas in performance design. Lab fee required. (Not offered 2017-18).

1 unit

**TH300** Topics in Theatre:

Courses offered by resident and visiting faculty on specialized topics. (Not offered 2017-18).

.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.

.25 unit — Platt

**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. (Not offered 2017-18).

*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 — Manley

**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.

*Prerequisite:* Drama 105.

1 unit — Manley

**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 2017-18).

*Prerequisite:* Drama 108 or 109 or consent of instructor.

1 unit

### **TH317** 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.

*Prerequisite:* Theatre 217 or consent of instructor.

1 unit — Goodwin

### **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.

.5 unit — Manley

### **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 2017-18).

1 unit

### **TH327** Feminist Performance

Examines how performances since 1960 by female artists have challenged the subordinate status of women in art and society. Uses readings by theorists such as Judith Butler, Sue-Ellen Case, and Peggy Phelan to identify strategic positions adopted by artists working in drama, dance, film, performance art and new media. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2017-18).

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.

1 unit — Lindblade

### **TH329** Queer Performances 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. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Platt

### **TH329** Queer Performances 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. 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.

1 unit — Manley

### **TH340** Advanced Topics in Design

Courses offered by design faculty and guests on specialized topic areas in performance design. (Not offered 2017-18).

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 2017-18).

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, Manley, Womack

### **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 2017-18).

*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

2017-18).

.5 to 2 units

## **Dance Studio**

### **DS101** Tai Ji

(Not offered 2017-18).

.25 unit

### **DS105** Beginning Dance

Dance Technique Classes.

.25 unit — Mercer, Womack

### **DS106** Beginning Dance

.25 unit — Mercer, Womack

### **DS107** Beginning Dance

.25 unit — Herminjard, Mercer

### **DS108** Beginning Contemporary Dance

(Not offered 2017-18).

.25 unit

### **DS205** Intermediate Contemporary Dance

(Not offered 2017-18).

.25 unit

### **DS206** Intermediate Contemporary Dance

(Not offered 2017-18).

.25 unit

### **DS207** Intermediate Contemporary Dance

(Not offered 2017-18).

.25 unit

### **DS208** Intermediate Contemporary Dance

(Not offered 2017-18).

.25 unit

### **DS209** Dance Studio

.25 unit — Dobson, Riker

### **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 2017-18).

.25 unit

**DS213** Intermediate Ballet

.25 unit — Mercer

**DS214** Intermediate Ballet

.25 unit — Mercer

**DS215** Intermediate Ballet

.25 unit — Mercer

**DS216** Intermediate Ballet

.25 unit — Mercer

**DS218** West African Dance and Drumming

.25 unit — Goudiaby

**DS219** West African Dance and Drumming

.25 unit — Goudiaby

**DS223** Improvisation

.25 unit — Womack

**DS224** Improvisation

(Not offered 2017-18).

.25 unit

**DS227** Bharata Natyam Dance

(Not offered 2017-18).

.25 unit

**DS228** Bharata Natyam Dance

(Not offered 2017-18).

.25 unit

**DS229** Balinese Dance

.25 unit — Lasmawan

**DS230** Balinese Dance

.25 unit — Lasmawan

**DS231** Hip Hop Dance

.25 unit — Jules

**DS232** Hip Hop Dance

.25 unit — Jules

**DS234** Capoeira

(Not offered 2017-18).

.25 unit

**DS235** Capoeira

(Not offered 2017-18).

.25 unit

**DS236** Samba

.25 unit — DeJesus

**DS236** Samba

.25 unit — DeJesus

**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. (Not offered 2017-18).

.25 unit

**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. (Not offered 2017-18).

.25 unit

**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.

.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 2017-18).

.25 unit

**DS305** Intermediate/Advanced Contemporary Dance

.25 unit — Herminjard

**DS306** Intermediate/Advanced Contemporary Dance

.25 unit — Herminjard

**DS307** Intermediate/Advanced Contemporary Dance

(Not offered 2017-18).

.25 unit

**DS308** Intermediate/Advanced Contemporary Dance

.25 unit — Herminjard

**DS313** Intermediate/ Advanced Ballet

(Not offered 2017-18).

.25 unit

**DS313** Intermediate/ Advanced Ballet

(Not offered 2017-18).

.25 unit

**DS314** Intermediate/ Advanced Ballet

(Not offered 2017-18).

.25 unit

**DS315** Intermediate/ Advanced Ballet

(Not offered 2017-18).

.25 unit

**DS316** Intermediate/ Advanced Ballet

(Not offered 2017-18).

.25 unit

**DS320** HipHop Dance II

(Not offered 2017-18).

.25 unit

**DS333** Intermediate/Advanced Modern Jazz

(Not offered 2017-18).

.25 unit

**DS334** Capoeira II

(Not offered 2017-18).

.25 unit

**DS405** Advanced Modern Dance: Technique of Martha Graham

(Not offered 2017-18).

.25 unit

**DS406** Advanced Contemporary Dance

(Not offered 2017-18).

.25 unit

**DS407** Advanced Contemporary Dance

(Not offered 2017-18).

.25 unit

**DS408** Advanced Contemporary Dance

(Not offered 2017-18).

.25 unit

**DS413** Advanced Ballet

.25 unit — Mercer

**DS414** Advanced Ballet

.25 unit — Mercer

**DS415** Advanced Ballet

.25 unit — Mercer

**DS416** Advanced Ballet

.25 unit — Mercer

# Interdisciplinary Programs

## Community-Based Learning

*Applicable for the 2017-2018 academic year.*  
Advisor; STANEC

Courses with a CBL notation include the intention of equipping students with the skills, knowledge, and experience to exercise influence toward social, cultural, environmental, or civic outcomes that benefit the common good. This applies whether the impact is immediate or deferred.

### CBL-tagged courses offered in 2013-2014

## Criteria for Community-Based Learning (CBL) at Colorado College

1. Knowledge from the discipline enhances understanding of the community experience and the community experience enhances understanding of the relevance and applicability of the academic content.
2. Academic credit is given for the learning and its relation to the course, not for the community experience/research alone.
3. The intent of CBL experiences, while guided by professors, also takes shape through interactions and synthesis with community issues, concerns, or needs.
4. CBL instruction includes the intention of equipping students with the skills, knowledge, and experience to exercise influence toward more social, cultural, environmental, or civic outcomes that benefit the common good. This applies whether the impact is immediate or deferred.
5. Activities in the class provide methods for students to reflect systematically and with intention about what they learned through the CBL experience, and how that experience relates to the course's focus.

## Departmental Major/International Affairs Option

*Applicable for the 2017-2018 academic year.*  
Advisors; KAPURIA-FOREMAN, LYBECKER, PRICE-SMITH

The departmental major/international affairs option is designed to allow students the advantage of a traditional major along with the development of an understanding of international affairs. It assumes that such an understanding begins to develop through study of a foreign language, an extended experience outside one's own country, and a familiarity with approaches which address the affairs of nations and peoples.

The requirements of the departmental major/international affairs option are as follows:

1. The requirements of the major.
2. At least three units of credit for study outside the United States.
3. Proficiency in a foreign language:  
For languages that are taught at Colorado College, proficiency through the Conversation and Composition level (usually 305). For languages that are not taught at the college or are taught only to the intermediate (usually 202) level, proficiency through the intermediate level. Students may meet this requirement through placement exams.
4. Three units of credit in courses that cover in a substantial way the foundations used by a discipline to understand and compare the social affairs of nations and peoples and interactions among nations and peoples.

A course that covers certain phenomena in geographical areas other than the United States does not qualify per se. A student whose major is in a discipline which offers foundations courses must take at least one of the three units in the major. See an international affairs adviser for a list of approved courses or view at link below.

### Approved courses and Application

## Independently Designed Major/IDM



*Applicable for the 2017-2018 academic year.*

**Independently Designed Major/IDM Website (<https://www.coloradocollege.edu/offices/dean/students/IDM/>)**

Advisor; Associate Dean of the College

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.

1. The independently designed major (IDM) must be *interdisciplinary in its conception* and as rigorous, in terms of both depth and breadth, as any departmental major.
2. Students who develop an independently designed major must submit their applications for consideration to the Dean's Advisory Committee before the end of the second semester of the sophomore year. A student wishing to apply for this major after the sophomore year or to change from another major to the independently designed major must present persuasive evidence that such a proposal is educationally advisable and that circumstances make it possible to design and complete a compelling major.
3. The application should include a description of the proposed concentration of the major with a program of courses. Each course in the proposed program of courses should be listed by course number and title. The student should include a statement about how each course relates to the description of the major and how courses within the major correlate. The description of the major and proposed program of courses should be accompanied by a rationale that articulates the cohesiveness of the proposed program of courses.
4. In order to propose an independently designed major, a student must obtain the approval of two faculty advisors — a major advisor and an associate advisor — from different departments or programs for a tentative program of courses for the final two years of undergraduate study. Each faculty advisor is expected to write a letter of support for the student's proposed program. In their support letters, faculty advisors should: [1] indicate their evaluation of the student's past academic performance; [2] discuss the student's ability to carry out the program of courses; [3] comment on the student's ability to complete the program of courses with an unusual amount of independence and responsibility.
  - o The major advisor works closely with the student in constructing the initial proposal as well as reviews and approves changes to the original proposed major in consultation with the associate advisor. Students should have taken a class with the faculty member they ask to be the major advisor before they begin work on the thesis in the spring semester of the junior year. This ensures that the major advisor has had previous experience working with the student proposing the major and lays the foundation for the major advisor and student to develop an effective working relationship. It is essential that the student work closely with the major advisor. The major advisor can serve as a reader for the senior thesis when appropriate. If the major advisor does not serve as a reader for the senior thesis, she or he helps the student identify the appropriate first and second faculty readers for the thesis.
  - o The associate advisor reviews the initial proposal, providing critique and revision suggestions. The associate advisor may also serve as a reader for the student's thesis when appropriate.
  - o **IDM applications involving English faculty supervision will have to be approved by the entire department before they are submitted to the Dean's Advisory Committee for final approval.**

It is expected that the student will meet at least twice a semester with both the major advisor and associate advisor during the junior and senior years to discuss the progress of the major. At the end of the senior year, the faculty advisors will submit a report to the Dean's Advisory Committee, evaluating what the student has accomplished in the major.

**Please use this application form**

And be sure to **refer to the IDM guidelines**

## **Major Requirements**

1. Students proposing the independently designed major (IDM) must fulfill the appropriate all-college degree requirements as listed in the catalog. A minimum of 12 units or a maximum of 15 units may be counted toward this

major. Students proposing the independently designed major must explain in their applications why the proposed goals of the major cannot be achieved through a departmental major or through outside courses taken in addition to the requirements of a departmental major.

2. Prerequisites for more advanced courses should not be counted as a requirement for the major in most cases. The committee reserves the right to deny any major that does not meet the guidelines as stated.
3. Up to four units at the 100 course number level can be counted toward the major. (Language courses at the 100 level cannot be counted as part of the major). At least 10 and no more than 13 of the units designated as constituting this major must be above the 100 course number level. A student should select courses that achieve the objectives of the major. The courses above the 100-level courses required for the major must achieve both breadth and depth in the major as described. Courses should be progressively more rigorous and complex (200-, 300-, and 400-level courses). Prerequisites for advanced courses should not always be required in the major and can be listed as complementary to the objectives of the major. One or two of the units for the major may be general studies thesis courses: GS 400, Senior Thesis I; GS401, Senior thesis II.
4. Thesis Preparation and Proposal: A student declaring an independently designed major should work during the spring semester of the sophomore year and fall semester of the junior year, in consultation with his or her major advisor, to identify potential thesis topics as well as the courses that will prepare the student to write the thesis. In particular the student should address which courses will provide the methodological and theoretical skills to write a successful thesis on the anticipated topic.
  - A student pursuing an independently designed major must submit a written thesis prospectus, approved by both the first and second thesis readers, by the end of the junior year.
  - A student pursuing the independently designed major should, in consultation with her/his major advisor, identify a first and second reader for the senior thesis by the beginning of spring semester of the junior year. (The major advisor for the IDM major can serve as one of the readers for the thesis. A student may also identify faculty other than the major advisor and associate advisor as thesis readers because of their expertise in the thesis topic the student is developing.)
  - Students may take an optional thesis workshop adjunct course (GS 399) during the spring semester of their junior year or fall semester of their senior year.
  - The thesis for the independently designed major must be completed and turned in to the first reader for the thesis no later than the last day of Block 7 of the senior year.
  - The first reader for the thesis, in consultation with the second reader, determines the grade for the thesis.
  - If the thesis involves human subjects research (interviews, surveys, focus groups, participant observation) the student works with the IRB (<http://www.coloradocollege.edu/other/irb/>) to ensure that the research is carried out in an ethically and legally acceptable way. The student should contact the IRB chair as soon as she/he determines that such research methods will be used, and completes an IRB proposal (reviewed and approved by the IRB chair) as soon thereafter as possible. Research cannot begin until this proposal has been approved by the IRB chair and the major advisor informed of IRB approval.
5. The registrar will designate courses on the student's transcript that constitute the independently designed major.

## North American Studies

*Applicable for the 2017-2018 academic year.*  
Advisor; PRICE-SMITH

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 2017-2018 academic year.*

**Southwest Studies Website** (<http://www.coloradocollege.edu/academics/dept/southweststudies/>)

Professor PERRAMOND (director, on leave 2017-18); Professor MONTAÑO (Acting Director); Assistant Professor GUERRA; Distinguished Lecturer and Legal Scholar-in-Residence KANNAN; Assistant Professor ROYBAL; Visiting Assistant Professor GAY-ANTAKI

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) and Guerra (Southwest Studies).

Faculty Advisors: Arroyo-Rodriguez (Spanish), Heschel (Organismal Biology & Ecology), Hilt (Physics), Kannan (Environmental Science), Kedhar (Theatre & Dance), Leonard (Geology), Levine (Music), Leza (Anthropology), Linkhart (Organismal Biology & Ecology), Monroy (History), Montañó (Anthropology), Popkin (Sociology), Premawardhana (Religion), Roybal (Southwest Studies), Tucker (Art).

Southwest Studies Visiting Faculty (2017-18): Crossley Block 6

Rios Block 7

One year visiting Assistant Professor Gay-Antaki

## Major Requirements

The Southwest studies **major** requires a minimum of 11 units and a maximum of 15 if all Spanish courses (101-201, 4 units) have to be taken and students have not tested out of it. We now have the staffing to integrate SW273 back into the major, and to reflect the new opportunities for our majors and minors to take advantage of the Fine Arts Center integration with Colorado College. We are keeping the two methods courses for capstone preparation and lowering the number of electives from 5 to 4.

In addition to the general college requirements, a major in Southwest studies must now complete:

- **Two required foundational courses:** SW272 Nature, Region and Society of the Southwest, and SW273 Arts and Culture of the Southwest (2 units).
- **Two methods classes for the major capstone** (linked to senior plans, in consultation with the advisor, 2 units)
- **200-level Spanish**, can be tested out (but we still encourage an additional year of Spanish) – 0-4 units depending on testing level
- **Four electives in Southwest Studies**
- **Three units that prepare students for their senior capstone**, including SW395 Junior Research Seminar (1) and SW400-401 (2 units of capstone experience).

## Minor Requirements

A **minor** in Southwest studies requires a minimum of five or a maximum of eight units, including:

- **FYE/SW175 OR SW272 or SW272** (1- 2 units)
- **Language requirement:** Spanish 101 (can test out) - (0-2 units)
- **Four units of electives from Approved List of Courses** (4 units)

## 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. (Not offered 2017-18).

.5 to 1 unit

#### **SW100** Topics in Southwest Studies

Selected topics related to the Southwest, taught at an introductory level. Content will vary from course-to-course. (Not

offered 2017-18).

.5 to 1 unit

**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 — Roybal

**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 2017-18).

.25 unit

**SW128** Introduction to Global Climate

(Not offered 2017-18).

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 2017-18).

.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 2017-18).

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 2017-18).

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.

*Prerequisite:* Freshmen Only.

2 units — Guerra

**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 2017-18).

.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 2017-18).

.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 2017-18).

*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 — Gay-Antaki, Guerra, Pulley, Snyder

**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 2017-18).

*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 2017-18).

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 107; or 2.) Environmental Program 112 & 155 with strong HS Biology; a college-level BY course strongly recommended.

1 unit — Ebersole, Linkhart, Snyder

#### **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 2017-18).

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. (Not offered 2017-18).

1 unit

#### **SW212** Archaeological Geology

The application of concepts and techniques of geoscience and other disciplines to archaeology to help solve ancient dilemmas. (Not offered 2017-18).

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 2017-18).

1 unit



**SW217** American Frontiers

(Not offered 2017-18).

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 2017-18).

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.

1 unit

**SW237** Latino Immigration and Urban Change

(Not offered 2017-18).

1 unit

**SW239** History of Mexico

(Not offered 2017-18).

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 2017-18).

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. (Not offered 2017-18).

1 unit

**SW250** Regional Studies:

1 unit — Ingram, Leonard

**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. (Not offered 2017-18).

1 unit

**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 2017-18).

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 — Popkin

**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 2017-18).

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 2017-18).

*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 2017-18).

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 2017-18).

1 unit

**SW272** Nature, Region and Society of the Southwest

An introduction to the human-environments of the Greater Southwest. Geographic and regional research problems, including a focus on socio-ecological issues of the Southwest. Includes an independent project and off-campus fieldwork. Required for Southwest Studies majors.

*Prerequisite:* Required for Southwest Studies majors.

1 unit — Gay-Antaki

**SW273** Southwest Arts & Culture

Southwestern Arts and Culture. This course introduces interdisciplinary methods of analysis and interpretation in Southwestern visual arts, material culture, music, drama, and literature. The Fine Arts Center collections will be used to: discuss art and identity; examine art as a decolonizing tool; and explain artist narratives of resistance and accommodation through their work.

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.

*Prerequisite:* No credit after FS/SW 175.

1 unit — Rios

**SW280** Topics in Literature: The Nature Essay (w/Emp on Wrt

(Not offered 2017-18).

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.

1 unit — Levine

**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 — Heschel

**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 — Gay-Antaki

**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 — Linkhart

**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 2017-18).

*Prerequisite:* Anthropology 111 or consent of instructor.

1 unit

**SW308** Topics:

1 unit — Levine, Ruiz

**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.

*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 2017-18).

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 — Ingram

**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 2017-18).

*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** Interdisciplinary Approaches to Chicana/o Literature

Examines Chicana/o literature, including fiction, poetry, and critical essays through a comparative, regional approach. Underscores the relationship between place and identity for Chicanas/os. Considers how written texts reflect social, political, and historical contexts and how Chicanas’/os’ increasing U.S. presence is radically reshaping the American literary canon.

1 unit — Roybal

**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 2017-18).

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 2017-18).

1 unit

**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 unit — Guerra

**SW395** Junior Research Seminar

A seminar for third-year students, organized around a common set of Southwest readings with coverage of interdisciplinary 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. (Not offered 2017-18).

*Prerequisite:* consent of instructor & Southwest Studies 175, 272, 273, 3 units from approved SWS course list & required methodology course.

1 to 2 units

**SW401** Senior Capstone Project:

*Prerequisite:* Southwest Studies 175, 272, 273, 3 units from approved SWS course list & required methodology course.

1 unit — Guerra, 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 2017-18).

1 unit

**SW530** Native Americans Under Federal Law

(Not offered 2017-18).

1 unit

# Non-Departmental Studies

## Film Studies

*Applicable for the 2017-2018 academic year.*

Professors; SARCHETT, SIMONS; Assistant Professors HASKELL, NELSON

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.

Senior film projects by students in any discipline are encouraged and supported.

### Minor Requirements

The minor in film studies requires the successful completion of six units of coursework including:

- Two core courses: FS212: Basic Filmmaking or FS240: Topics in Filmmaking: Directing the Fiction Film or FS260: Topics in Filmmaking: Documentary Form, and Filmmaking; *and* FS215: Introduction to Film Studies
- One additional unit in film history/criticism: FS 315: Film History and Theory or FS 205: Topics in Cinema or a film study class on a specific subject (e.g. Hitchcock) or FS 305: Advanced Topics in Cinema.
- One additional unit in filmmaking: FS312: Advanced Filmmaking or FS218: Topics in Filmmaking or FS284: Beginning Screenwriting or FS318: 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

##### **FS205** Topics in Cinema:

Detailed examination of some specific aspect of film: a genre (the Western, Film Noir, the slapstick comedy, the documentary); the work of an individual director; the films of a particular country, etc.

.5 or 1 unit — Hughes, O'Riley, Sarchett, Simons

##### **FS212** Basic Filmmaking

Examines the fundamentals of filmmaking - planning, shooting, and editing - via numerous short projects that culminate in a final public screening. Topics include framing and composition; cinematography, lighting, and sound, storyboards and shot diagrams; editing tools and techniques; digital workflow; and the processes of analysis, evaluation, and revision.

1 unit — Lowen, Sturman

##### **FS215** Introduction to Film Studies

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. 218: Topics in Filmmaking. Introductory course in specific filmmaking techniques and genres, such as Stagecraft for Film and Film and Video Animation.

1 unit — Butte

##### **FS218** Topics in Filmmaking:

Introductory course in specific film making techniques and genres, such as Stagecraft for Film, Documentary Film

making, Film and Video Animation. (Not offered 2017-18).

1 unit

**FS232** The Films of Alfred Hitchcock

Study of the major periods, forms and themes of the films of Alfred Hitchcock. Included are comedies (To Catch a Thief) and tragedies (Vertigo), early British period films (The Lady Vanishes), classics of the 1940's (Notorious) and 1950's (Rear Window), and late masterpieces like The Birds or Marnie.

1 unit — Butte

**FS240** From Script to Screen: Directing the Fiction Film

Examines the processes of taking a script to screen. Students develop, cast, plan, direct, and edit short fiction films based on extant material, working in collaborative teams and alternating crew roles. Topics addressed include writing for the screen; story analysis; the role of directorial vision; casting; working with actors; cinematic language and shot design; camera, lighting, sound; production design and mise-en-scène; and editing theory and practice. The course culminates in an evening screening of the student films. (Not offered 2017-18).

1 unit

**FS244** American Film Comedy

A study of the major directors of comedy in American film, from Chaplin and Keaton through Capra, Hawks, and Sturges to more recent masters like Woody Allen the Coen Brothers and Wes Anderson. Includes important works in theory of comedy as context, from Freud to Cornford, Bakhtin and Frye. (Not offered 2017-18).

1 unit

**FS260** Documentary Form and Filmmaking

Students create their own short documentaries while examining the history, codes, and conventions of the feature documentary film. Topics include narrative techniques, questions of form and genre, documentary ethics, interview methods, documentary cinematography, archival imagery, fair use/copyright, and editing rhythm and pacing, among others. Student documentaries are showcased in an end-of-course screening. (Not offered 2017-18).

1 unit

**FS284** 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.

1 unit — Nelson

**FS305** Advanced Topics in Cinema:

Studies in a wide array of topics related to film history, theory, and genres. (Not offered 2017-18).

*Prerequisite:* Film Studies 215 or consent of instructor.

1 unit

**FS312** 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 Studies 212 or Film Studies 260 or Film Studies 240 and consent of instructor.

1 unit — Haskell

**FS315** Film History & Theory

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.

1 unit — Simons

**FS318** Advanced Topics in Filmmaking:

Work is specific genres or with specific techniques of film and video making for advanced students.

*Prerequisite:* Film Studies 212 or equivalent.

1 unit — Haskell, Pray

**FS330** On Location: Hollywood

Provides a hands-on overview of the history and of the creative, technological, aesthetic and business practices of the Hollywood entertainment industry, from its inception through the present day. Taught in Los Angeles.

*Prerequisite:* consent of instructor.

1 unit — Haskell

**FS485** Senior Film Project

Capstone film or video making project for Film Track English majors and majors in other fields working on a senior project in film or video. (Not offered 2017-18).

*Prerequisite:* Senior status & Film Studies 312 or its equivalent.

1 to 2 units

**FS486** Senior Project: Film

Advanced study of film through film-making on a subject chosen by the student, approved by the department, in which the student completes a film in a workshop setting. Required of all Film Track seniors who are making a film.

*Prerequisite:* English 221, English 250, Film Studies 312.

2 units

## 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). (Not offered 2017-18).

.25 to .5 units

**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.) Meets the Critical Perspectives: The West in Time requirement.

*Prerequisite:* First Year Experience Course. 1st Years Only.

1 or 2 units — Buxton, Chandrani, Fuller, Neel

### **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.

.25 unit — Getty

### **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 2017-18).

.5 to 1 unit

### **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

### **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.

*Prerequisite:* consent of instructor & Pass/Fail Only.

.25 unit — Stoller

### **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 2017-18).

.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 2017-18).

.5 unit

**GS170** Rhetoric of Civil Rights

(Not offered 2017-18).

*Prerequisite:* First Year Experience Course. 1st Years Only.

2 units

**GS198** Internship

.25 unit — Chan

**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 — Chan, 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 2017-18).

*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.

.5 unit — Walter

**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 2017-18).

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 2017-18).

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) (Not offered 2017-18).

.25 to 1 unit

### **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 2017-18).

1 unit

### **GS208** Advanced Language Practice for Culturally and Linguistically Diverse Students

This course will provide holistic language support for any culturally and linguistically diverse student. The material will focus on strengthening oral fluency, listening, and note-taking skills through pronunciation practice, vocabulary development, idiomatic expressions, classroom discussion, and presentations. Material will also focus on necessary writing and reading skills, such as understanding prompts, writing expectations, and the writing process, avoiding plagiarism, formatting, synthesizing, editing, and revising. These skills are intended to be directly utilized in concurrent block courses. Personal understanding of American social and cultural topics will also be facilitated. The proposed course will meet twice per week over 4 blocks.

*Prerequisite:* Offered as Pass/Fail Only.

1 unit — Walter

### **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.

1 unit — Weissman

### **GS211** Understanding the Holocaust

(Not offered 2017-18).

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 2017-18).

1 unit

**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.

.5 unit — Golightly, Ragan

**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 — Gilson, 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.

*Prerequisite:* consent of instructor.

.5 unit

**GS219** Mix Media Watercolor on Paper

(Not offered 2017-18).

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 2017-18).

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 2017-18).

1 unit

**GS222** Special Topics:

Selected topics will be discussed and will vary from year to year.

1 unit — Banagale, Gould, Johnson

**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 2017-18).

1 unit

**GS228** Human Sexual Behavior

Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2017-18).

1 to 3 units

**GS233** Topics in Journalism:

1 unit — Alters, Breslow, Bryant, Easterbrook

**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.

1 unit — O'Riley, Wade

**GS240** The 18th Century: Theatre, Music, Art, Science and Revolution

(Not offered 2017-18).

*Prerequisite:* Taught at the Newberry Library in Chicago - EXTRA \$\$.

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, Whitmore, Borges and Calvino have employed scientific concepts. (May be offered with Emphasis on Writing.) (Not offered 2017-18).

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 — Elder

**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 2017-18).

.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 — Bell, Sartin

**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 — Bell, Sartin

**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.

*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 — Bradley

**GS280** Creative Writing, Science Writing, and River

(Not offered 2017-18).

1 unit

**GS300** Theory and Practice of Peer Tutoring

*Prerequisite:* consent of instructor & Must apply during 2nd block.

.5 unit — Santa

**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 2017-18).

*Prerequisite:* General Studies 112.

1 to 2 units

### **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.

.5 unit — Prendergast

### **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.

.5 to 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

### **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

### **GS395** Peer Tutoring Practicum

*Prerequisite:* General Studies 300 or consent of instructor.

.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 and 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).

.25 or .5 units — Alvarado, Carlstrom

**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 — Lee

**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

**GS501** Liberal Arts and Sciences Institute:

(Not offered 2017-18).

2 units

**GS552** Experienced Teacher MAT Capstone Seminar

(Not offered 2017-18).

.5 unit

**GS557** College Ahead Practicum for Secondary MAT's

.5 unit

## **Studies in Natural Science**

### **Courses**

#### **Studies in Natural Sciences**

**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 2017-18).

*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 2017-18).

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 2017-18).

*Prerequisite:* High school algebra and trigonometry.

1 to 2 units

## **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 2017-18).

.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 2017-18).

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 2017-18).

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 2017-18).

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. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2017-18).

*Prerequisite:* First Year Experience Course. Must take both blocks for credit.

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 2017-18).

2 units

**HS202** Topics in Literature:

Block 1 Rilke. Block 2 Mythology & Media. (Not offered 2017-18).

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 2017-18).

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 2017-18).

.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. (Not offered 2017-18).

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 2017-18).

1 unit

**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. (Not offered 2017-18).

1 unit

# Thematic Minors

## African Studies

*Applicable for the 2017-2018 academic year.*  
Advisor; GARCIA

### 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 2017-2018 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 2017-2018 academic year.*  
Advisors; WRIGHT, NAJI

## Minor Requirements

This track allows students of Arabic to study the history, religion, politics, and culture of the Arab Islamic world. Students who choose to follow this track will be required to take:

- A minimum of two units of Arabic at the intermediate level AR 201 and higher.
- Four units in approved content courses that cover topics related to the Arab and Islamic worlds in two different departments. During the last content course, the student is required to write an integrative experience paper.

The current possible list of courses for this track is listed below. However, the list below will be reviewed and updated on a yearly basis:

- Art History. AH120 Islamic Art
- History. HY104 The Mediterranean; HY133 Civilization in the Middle East; HY200 The search for Islamic order; HY200 Islamic Cities; HY200 Freedom and Authority in Everyday Life: Women, Men, and Children in the Middle East; HY200; Imagining Jordan: Myth, History, and Identity.
- Political Science. PS313 Comparative Politics of the Middle East and North Africa; PS314 International Politics of the Middle East and North Africa; PS203 Topics in Politics: Israelis and Palestinians; PS200 The Search for Islamic Order.
- Religion. RE140/PA 199 Islam; RE345/PA 345 The Dervish Diaries; RE 300/Comp Lit 352 Qur'an.
- Mediterranean and Francophone Studies. AR320 Topics in Arabic Literature and Culture.

## Arts of London and Florence (an ACM Program)

*Applicable for the 2017-2018 academic year.*  
Advisor; ASHLEY

### Minor Requirements

Comparative studies in the arts and culture of two important and contrasting European cities, each of which has crucially influenced the development of the modern world. (Application deadlines: Early admission — March 15; final deadline — October 15.) 5 units.

Students receive four units of credit for the program, plus .75 units if they take the extra three-week Italian course in Florence. Students need to add one additional unit from a Colorado College course with some relation to the program to complete the thematic minor.

Students spend half the semester in Florence and the other half in London. Courses offered in each city will be the same for all students, though the selection may change from year to year. The segment in Florence contains on-going components in art history and Italian language. Students also take another course related to Italy, often in history, philosophy, or literature. The segment in London contains on-going components in drama and art history.

The program awards Colorado College credit in the humanities and, when appropriate, social science divisional credit and credit toward majors, subject to department approval. The various components provide an interdisciplinary approach to the examination of the arts in context.

### The Integrative Experience

A paper or project completed at Colorado College at the end of the program in which the student compares various aspects of the two cultures.

## Asian Studies

*Applicable for the 2017-2018 academic year.*

**Asian Studies Website** (<https://www.coloradocollege.edu/academics/dept/asianstudies/>)

Advisor; ERICSON

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 must be either 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.

## **Central American Culture and Society (an ACM Program)**

*Applicable for the 2017-2018 academic year.*

Advisor:

### **Minor Requirements**

Central American culture and society, studied through its language, literature, geography, ethnology, sociology, and politics. Emphasis varies from year to year, but always involves language, literature, and the social sciences. (Application deadlines: Early admission — November 1; final deadline — March 15.) 5 units. (Four units from the program, plus at least one year of Spanish.) Fall semester.

The semester is divided as follows: a seven-week block in San Jose of intensive language and social science; a two-week rural stay during which each student works on an independent project designed with staff guidance; a six-week block of advanced language, literature, and research in one of the social sciences in San Jose.

### **The Integrative Experience**

Toward the end of the semester in Costa Rica, each student does independent work on some aspect of Costa Rican culture and reports it to the whole.

## **Concepts of Human Nature**

*Applicable for the 2017-2018 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 2017-2018 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 2017-2018 academic year.*  
Advisors: PRICE-SMITH, HOURDEQUIN, 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

## Feminist and Gender Studies

*Applicable for the 2017-2018 academic year.*

Advisors — GARCIA, HAUTZINGER, KEDHAR, LEWIS, McENNERNEY, MEHTA, THAKUR, WATERS, WITTMER, WOOD

Feminist and gender studies is the academic study of gender and sexuality from a feminist, interdisciplinary, and intersectional perspective. The discipline arose in the 1960s and 1970s due to the efforts of those committed to the student, civil rights, and women's movements. During the early developments, the major concern of our field was incorporating gender into existing theoretical and critical lenses, because women's voices were underrepresented in the academy. Over the years, however, our intellectual endeavors have evolved, expanding our theories and critical practices to include interrogations of power, inequality, and privilege along the lines of sexuality, race, ethnicity, socioeconomic status, age, religion, physical embodiment, and other social markers. For these reasons, our scholarly endeavors necessitate interdisciplinary and transdisciplinary approaches that advance pedagogical, scholarly, and activist collaboration both within and outside of the academy. Hence, our program, like our discipline, remains invested in eradicating inequality and privilege in our local, national, and global communities whether or not they are explicitly academic.

### Minor Requirements

Students seeking to minor in feminist and gender studies must complete FG 110, FG 200, FG 311, and at least three FG electives.

## German Studies

*Applicable for the 2017-2018 academic year.*

Adviser; DAVIS

### Minor Requirements

This minor involves the study of the German language, combined with important aspects of German literature, culture, history, or politics. Emphasis on the 19th and 20th centuries. 5 units. Prerequisite: GR 202.

**CATEGORY ONE: Language.** Students must have taken GR 201/202 or equivalent. Students who enter with equivalent language skills must choose GR 305 and four units distributed over Categories Two and Three.

**CATEGORY TWO: Literature.** Students must take at least two courses from this category, one of which is taught in German. GR 200, 210, 211, 220, 229, 315, 316, 320, 327, 328, 334, 335, 336, 347.

**CATEGORY THREE: Intellectual History, Politics, the Arts.** Students must choose two units from the following groups:



- a.) Intellectual History: HY 288, PH 201, 262, 302, 360.
- b.) Music and Art: AH 112, 223, 242, 243, 342, MU 150, 204, 207, 212, 223, 224, 225, 228 (when topic is appropriate), 315, 316.
- c.) History and Politics: HY 200 (when topic is appropriate), 274, 275, 277, 278, 279, 280, 283, PS 333.

## The Integrative Experience

To complete the German studies thematic minor, the student must write, in one of the last courses taken for the minor, an integrative essay that draws together material from the various disciplines. This essay will be evaluated by the course instructor and the adviser for the minor.

## Global Health

*Applicable for the 2017-2018 academic year.*  
Advisors; PRICE-SMITH, 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.

Category One: Sustainability/Development (at least one unit)

- EC390 Advanced Topics in Economics: Global Public Health and Economic Development
- AN209 Topics in Anthropology: Anthropology of Global Health\*
- EC337 Economic Development
- EC341 Ecological Economics and Sustainability
- PS253 Intro to International Development
- SO116 Global Inequality
- SO247 Sociology of Developing Countries

Category Two: Medicine (at least one unit)

- BY100 Ethics of Genetics
- BY107 Biology of Microbes
- BY363 Virology
- BY304 Immunology
- BY463 Seminar in Bacteriology
- SO246 Sociology of Health and Medicine\*
- AN202 Human Biological Variation
- AN209 Topics in Anthropology: Medical Anthropology
- SS125 Intro to Human Nutrition.

Category Three: Policy (at least one unit)

- PS203 Politics of Global Health\*
- SO218 Political Sociology
- PS358 Environment, Health, and Security\*
- EV373 Public Policymaking (FG321 or PS321)
- PS375 Intro to International Political Economy

## 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, delineated below:

1. It may be an approved thesis or tutorial paper within their major. Counts as one of the six credits.

2. The student may take one of several integrative courses in the minor (denoted by an asterisk), with the stipulation that they be a declared health minor at the time. This would entail a significant piece of work for that course, such as a major 25+ page research paper. One credit.
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. One credit. (Note, we are currently in discussions with Summer Session about a possible internship offering.)
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. One credit.

Recommended:

It is strongly recommended that students include at least one block in Statistics (either MA117 Probability and Statistics or BY220 Biostatistics) and/or blocks that include Geographic Information System training (e.g., SO246 or EV127 Intro to GIS).

There exists some flexibility with the minor with the approval of the two official advisors. Other courses may count towards the minor with their consent. Also, should students wish to work with an advisor from a different department, this can also be approved by the aforementioned. Although this is a two-block course, it would only count as one requirement towards the minor.

## India Studies (an ACM Program)

*Applicable for the 2017-2018 academic year.*  
Advisor: J. LEE

### Minor Requirements

A five-month academic program in India emphasizing the culture and language of Maharashtra. In addition to Marathi language, a variety of courses on India are offered. These may include anthropology, art, economics, history, literature, music, philosophy, political science, and sociology. (Application deadline: March 15). 5.5 units. Program in India: mid-August through mid-December. Marathi Language (1.5 units), Courses in Indian Culture (1.5 units), Independent Study Project (1.5 units). In addition to the ACM program, completion of the thematic minor requires one additional unit, normally a course from the Colorado College curriculum that deals directly with the Indian subcontinent. Work for this course or for the independent study project will constitute the integrative experience for the thematic minor and will be evaluated by the advisor for the minor.

## Italian Studies

*Applicable for the 2017-2018 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 2017-2018 academic year.*  
Advisors; HENDRICKSON, PRENDERGAST

### 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

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. In 2016-17, GS 233 courses include Reporting on Government; Secrecy, Surveillance, and Democracy; and Radio Journalism); GS 233 Politics, Ethics, and Journalism; EN 286 Topics in Creative Writing; and FS218 Documentary Form and Filmmaking. This component addresses critical questions of journalism in relation to ethical and social issues.

#### 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, Alan Prendergast. 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 2017-2018 academic year.*  
Advisor; BLASENHEIM

### 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.

#### 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 2017-2018 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 AN205 or AN258.

#### **Category Two**

Students must choose any two of the following: AN205 (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 fourth and fifth required course 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, ED202, EN302, MU214, PC129, PH226, PH229, PY297, PY298, PY344, PY374, PY412 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 2017-2018 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 2017-2018 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 Spanish and the French, Italian, and Arabic Studies 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 2017-2018 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 2017-2018 academic year.*

Advisors; HUNTER LARSEN, (curator); HYDE

### 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 2017-2018 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 2017-2018 academic year.*  
Advisor: PRICE-SMITH

### 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 2017-2018 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 2017-2018 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

##### Required Courses:

PY 120, PH 262, CO 200: Discovering the Unconscious (Dobson)

PH 265 Freud (Lee, Riker)

One course from each of the two categories listed below, and a third chosen from either one of these categories.

#### Category Two

##### Courses Focusing Specifically on Psychoanalytic Theorists:

HS 218 Psyche, Symbol, Dream: The World of C.G. Jung (Dobson)

PH 314: Text Seminar: Jacques Lacan (Lee)\*

PH 325 Philosophy and Psychoanalysis (Riker)\*

PH 203/CO 200: Contemporary Psychoanalysis (in Chicago). (Riker, Dobson)

**This is ideally a capstone course for the minor. We recommend that it be taken further on in the minor, but this is not a requirement.**

#### 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)\*

\* 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.)**

## Race, Ethnicity, and Migration Studies

*Applicable for the 2017-2018 academic year.*

Affiliated Faculty: GARCIA, GUERRA, GUESSOUS, HERNANDEZ-LEMUS, JOHNSON, KEDHAR, LEWIS, LEZA, LOMAS, MONROY, NAJI, RATCHFORD, SAWYER, STECKENBILLER, WHITAKER, WOOD

### Minor Requirements

The Department of Race, Ethnicity, and Migration Studies offers a minor. Students are encouraged to consult with race, ethnicity, and migration studies faculty and with their faculty advisor in their pursuit of a race, ethnicity, and migration studies thematic minor. 5 units minimum.

All students are required to complete:

1. ES185 – Introduction to Race and Ethnic Studies.
2. One approved course on the theorizing of race, such as ES 212 Theories of Race and Ethnicity or ES 200/PH 285 Philosophy and Race. Other courses offered in a given block may be considered in consultation with members of the REMS steering committee;
3. One approved methods course (e.g., ES215/AN 215 Research Design: Method and Theory or ES321/AN 321 Rio Grande: Culture, History, and Region), suitable to the student's focus, chosen in consultation with the REMS advisor;
4. Two units of approved electives (all to be cross-listed with race and ethnic studies, such as ES200/HY217 American Frontiers, ES200/SW 200 Topics in Southwest Studies: The Student's Role in the Sixties Southern Civil Rights Movement, ES253/EN 280 Literature of the American Southwest: Mexican-American Literature, ES223/SO113 Racial Inequality, and ES220/FS 220 Blacks and the Cinema;
5. An Integrative Experience, capstone project demonstrating the student's ability to conduct a critical examination of racial and ethnic groups. Students can choose to focus on social issues (e.g., racial disparities in housing, health care, employment, education, income, or criminal justice) that affect racial and ethnic groups, cultural and artistic expressions associated with a particular racial and ethnic group, or the ways racial and ethnic groups have challenged social inequality. It could consist of a paper, presentation, internship with reflective component, or other independent work, to be completed after other requirements have been fulfilled. Proposals for the Integrative Experience are approved by members of the REMS committee and evaluated by the director and a faculty advisor assigned to the student.

## Renaissance Studies

*Applicable for the 2017-2018 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 2017-2018 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 2017-2018 academic year.*  
Advisor; ASHLEY

### 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 2017-2018 academic year.*  
Advisor; CRAMER

### 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. 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 2017-2018 academic year.*  
Advisor; MANLEY

### 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 2017-2018 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 2017-2018 academic year.*  
Advisers: WOOD, BLASENHEIM, 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 2017-2018 academic year.*  
Advisors: MCKENDRY, DANTZLER

The urban studies minor is the study of human communities that have been organized into cities and conurbations. Students will examine both the history of urbanization as a radical transformation in human societies and individuals' lives and the contemporary implications of cities for our lives on a day-to-day basis.

### 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 one of the minor advisors. Students are particularly encouraged to look for relevant topics courses.

Option 2: Complete the ACM Urban Studies semester in Chicago for 4 units of credit.

For their fifth unit, students following either option must complete the Integrative Experience (GS330 – Urban Investigations) under the direction of one of the advisors.

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)

- French/Italian/Arabic 329 – Paris and the Arts (block abroad)
- SO312 – Communities and Networks
- 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

### The Integrative Experience

GS330 - Urban Investigations. A thesis completed with the instructor's permission (1 unit)