

COLORADO COLLEGE

Catalog of Courses 2015-16

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

October 2015

Approved by

Faculty Executive Committee

Approval date

July 2014

Effective date

July 2014

Additional references

None

Scope

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

Policy

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. 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; and NC = 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.

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 No Credit. Unlike an Incomplete, No Credit grades cannot be made up and thereby changed to a passing grade simply by turning in a missing paper or taking a missed examination.

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.

If a student does not complete the work in a course and has no satisfactory excuse or does not meet the minimum standards set by the instructor, the instructor will give the student a grade of No Credit.

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 two 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 according to the table below. 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 in the determination of the 32-unit limit.

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 although students have 10 semesters of eligibility for federal funds, eight semesters is the limit for college funds.

Full-Time Semester	Minimum # Units	Minimum Cumulative GPA
1	2 units	1.5
2	6 units	1.7
3	9 units	1.8
4	12 units	2.0
5	15 units	2.0
6	19 units	2.0
7	23 units	2.0
8	27 units	2.0
9	31 units	2.0
10	35 units	2.0

Warning and Suspension

In Blocks 4 and 8 each year, the Dean's Advisory Committee meets to review students' academic records. In determining academic warnings and suspensions, the committee uses the following guidelines:

First- and second-year students are expected to earn at least six units of credit during each of their first two years. All other students (third and fourth year) are expected to earn at least seven out of the last eight 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 or personal problems. These students should obtain a written waiver from a dean.

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

Academic Warning.

- Academic warning is a warning to students that they are not progressing toward completion of their degree in a satisfactory manner.
- Students who fail to meet the minimum grade point average (GPA) for the semester or pass the minimum number of units (see chart above) in a semester are 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 fail to meet the minimum GPA or units earned for the following semester or who receive a No Credit in one or more courses are 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 registration.

Academic Suspension.

- Students on academic probation who fail to 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.
- Suspensions are 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 difficulty.
- 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 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

The deadlines for requesting a leave of absence are November 1 for a leave that begins in the spring semester and March 1 for a leave that begins in the fall semester. Students must apply for a pending leave by the appropriate deadline even if they are awaiting word of their acceptance to a specific program. Students who are granted a leave are expected to reconfirm their return date in writing to the dean of students (for nonacademic leaves) or the registrar's office (for academic leaves) no later than November 1 for a return in the spring and March 1 for a return in the fall. Students who fail to reconfirm will have their preregistration cancelled, and they will be withdrawn formally from the college.

On formal application to the dean of students, a nonacademic leave of absence will be considered for either financial or personal emergency. Students who find it necessary to interrupt their education because of financial considerations are expected to contact the dean of students and to present evidence in support of their request for a financial leave. In the case of personal emergencies, such as illness or family crisis, the dean of students should be consulted. A student on personal leave of absence is expected not to attend another college or university. If unusual circumstances warrant attendance, credit will not be accepted unless prior approval has been received from the dean in consultation with the registrar's office.

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

2015-16

Tuition	\$48,576
Student Activity Fee	\$420
Room Allowance	\$6,547 double room in residence hall
Board Allowance	\$4,668 meal plan C
Books & Supplies	\$1,248 estimate
Personal/Travel	\$2,141 non-Colorado residents \$1,405 Colorado residents
Total cost	\$63,600 non-Colorado residents \$62,864 Colorado residents

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

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

Professor HAUTZINGER (chair), Associate Professor MONTANO; Assistant Professors FISH, LEZA; Visiting Professors CHANDRANI, SCANDLYN, VAN DYKE, WEINSTEIN; Visiting Instructors NOVIC, 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 twelve (12) units of course work, 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 course work in the department**, distributed in the following categories:

- A minimum of one *course* in each of the 4 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; 2-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 unit 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.

* Anthropology Courses With Methods Content	Always	Occasionally
1 AN 206 Doing Ethnography	Cultural	
2 AN 219 The Archaeology of the American Southwest	Archaeology	
3 AN 220 Doing Archaeology	Archaeology	
4 AN 243 Hispanic Folklore of the Southwest	Cultural	
5 AN 256 Language Socialization	Linguistic	
6 AN 260 Language & Gender	Linguistic	
7 AN 262 Theory and Methods in Linguistic Anthropology	Linguistic	
8 AN 301 Human Osteology	Biological	
9 AN 302 Human Ecology and Biology	Biological	
10 AN 306 Primatology	Biological	
11 AN 311 Language in Culture and Mind: Cognitive Anthropology	Linguistic	
12 AN 320 Field Archaeology	Archaeology	
13 AN 321 Rio Grande Culture, History, and Region	Cultural	
14 AN 342 The Anthropology of Food	Cultural	
15 AN 371 Culture Contact and Writing Cultures	Cultural	
16 AN 376 Culture and Power		Cultural
17 AN 380 Community-based Field Course	All	

The Anthropology Department 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 to it. A second course towards the major requires the proposed be a course be focused on disciplinary anthropology's thought and content (A). Courses taken off-campus are taught at the 300-level or above 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 your off-campus study. Please upload complete information about the course; you should also save syllabi and papers from your courses overseas, in case there are any additional questions when you get back to campus.

A—Anthropology Course. Serves for a 1st or 2nd course unit one of 12 major / 5 minor course units at the 200-level; does not fulfill subfield distribution.

C—Cognate course. Serves for 1st but not a second 2nd 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 course work, 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, Hautzinger, 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 2015-16).

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 — Leza

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 — Hautzinger

AN207 Primate Behavior, Ecology and Conservation

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

1 unit — Fish

AN208 Topics in Anthropology:

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

1 unit — Chandrani, Hunter-Larsen, Leza, Premawardhana

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.

Prerequisite: consent of instructor.

1 unit — Montano

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 — Leza

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.

1 unit — Novic

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 (Hohkam, 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 2015-16).

1 unit

AN220 Doing Archaeology

Focuses on the methods, theories, goals and findings of archaeology, with a primary emphasis on contemporary practice in anthropological archaeology. Using the basic concepts of current archaeology we underline the construction of alternative, pluralistic histories using multiple lines of evidence. Students learn practical skills, such as artifact analysis and site mapping, as well as marginalized histories, from ancient states to the more recent past.

1 unit — Novic

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. (Not offered 2015-16).

1 unit

AN230 Human Evolution

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

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

1 unit — Bertrand, Fish

AN237 Blacks in the Caribbean and Latin America

Compares the experiences of diverse groups of the African Diaspora, with special emphasis on the Caribbean basin and Brazil. Topics include: race, racism and nation-building; the legacy of slavery and contemporary labor processes, conceptualizing the 'Africa' in African-American cultures; variable social constructions of racial categories; maroons and other communities of resistance; and several African-American religions (Candomble, Umbanda, Voudoun, Santeria, Rastafarianism). May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2015-16).

1 unit

AN238 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's strong grasp of empirical information about the region. (Also listed as Feminist and Gender Studies 238.) May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Hautzinger

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 2015-16).

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 — Lomas, 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 2015-16).

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 2015-16).

.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. (Not offered 2015-16).

1 unit

AN258 Introduction to Linguistics

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

1 unit

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. (Not offered 2015-16).

1 unit

AN262 Theory and Methods in Linguistic Anthropology

Introduction to basic research methods and the theoretical development of research methodologies applied in the field of linguistic anthropology. 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. Students will collaborate on a small research project to gain experience with the research techniques and technologies.

Prerequisite: Anthropology 205 or 256 or 258 or 260 or consent of instructor.

1 unit — Leza

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 2015-16).

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 2015-16).

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: 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 — Montano

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 2015-16).

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 Seminar in Anthropology

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

AN317 The Anthropology of Place-Making

Covers a wide range of theoretical and methodological approaches in anthropology that relate to studies and interpretations of place making. Encourages wide-ranging curiosity about the social construction of places and spaces, from small-scale structures to large-scale landscapes. Involves close readings and critical discussions of written works that analyze the ways in which people use spaces and places (such as rooms, buildings, street grids, fields, or regions) to articulate social relations.

Prerequisite: Any 100 level anthropology course.

1 unit — Novic

AN318 The Archaeology of Colonial Entanglements

Explores the multifaceted nature of colonial encounters between Europeans and indigenous people, using the Americas as the geographical focus. Special attention to the analytical and theoretical discourse shaping anthropological approaches to colonialism through the topics of material culture, gender, ideology, ethnicity, race, identity, labor, class, and resistance. Readings and discussions will draw on data and perspectives from ethno-history, historical archaeology, and cultural anthropology to tackle the simultaneously global and local nature of colonialism. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2015-16).

1 unit

AN320 Field Archaeology

Design, implementation, analysis and interpretation of archaeological field research. Students construct a research design and spend four weeks collection archaeological data in the field. Field techniques may include survey, mapping, artifact analysis, and excavation. Upon return to campus, students complete analysis and produce a written report detailing the results of their research. (Also listed SW 320.)

Prerequisite: Any previous archaeology course at any level or consent of instructor.

1 unit — Van Dyke

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 2015-16).

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.

Prerequisite: One cultural anthropology course or consent of instructor.

1 unit — Hautzinger

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

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

1 unit — Fish

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. (Not offered 2015-16).

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

1 unit

AN371 Culture Contact and Writing Cultures

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

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

1 unit — Montano

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 — Hautzinger

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 2015-16).

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 2015-16).

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 — Fish, Hautzinger, Montano

Arabic

Minor Requirements

Arabic

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 & 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: PA199 Islam; PA 345; RE 140 Islam; RE345 Sufism.

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 — Berrejeb

AR104 Elementary Arabic Review

Drills students in basic vocabulary and grammar skills acquired in AR101. Highly recommended for students who have completed AR101. (Not offered 2015-16).

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 — Berrejeb

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. (Not offered 2015-16).

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 2015-16).

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

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

Professors KOLARIK, K. LEONARD, MURRAY (Chair), SWIDER; Associate Professors BENTLEY, S. JOHNSON (Director of Studio Programs), TUCKER; Assistant Professor: POWELL; Professor Emeritus REED; Visiting Professors GUMPPER, STEINER. Visiting Lecturers ARNSTEEN, CHOI, EARLEY, O'CONNELL, RICKS, SEARLE

The Art Department 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 Art Department maintains an active program of events

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.

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. Transfer students should consult the department.

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 the 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)

AH 100 (Great Monuments in Western Art), AH 111 (Introduction to Architecture), or AH 112 (Introduction to Art History), or AH 113 (Introduction to Asian Art); 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). 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 Art Department 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. 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 Art Department that serious study of studio art must involve some knowledge of art history.

Courses

Art Studio

AS101 Basic Studio

Media and concepts. Experiments in two- and three-dimensional form and color. Studio materials, tools, instruments, procedures and terminology. (Not offered 2015-16).

1 unit

AS102 Introduction to Two- Dimensional Arts

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

Prerequisite: Materials Fee.

1 unit — Powell

AS103 Introduction to Drawing

Survey of concepts and procedures in drawing.

Prerequisite: Materials Fee \$30; Model Fee \$25. Total \$55.

1 unit — Gumpfer, Leonard, Swider

AS110 Topics in Studio Art:

An introduction to studio practice through the study of some specific aspect or topic.

Prerequisite: Materials Fee \$30.

1 unit

AS111 Fiber Arts

Basic techniques in fiber arts with an emphasis on such concepts as transparency, texture, form, pattern, and color. Exploration of both on-and off-loom processes: weaving, dyeing (including Batik and Shibori), basketry, knotting, felting, and stitching. (Not offered 2015-16).

1 unit

AS114 Introduction to Three- Dimensional Arts

An introduction to the principles of composing objects and spatial situations in a variety of 3D studio practices.

Prerequisite: Materials Fee.

1 unit — Johnson

AS115 Basic Graphics

A foundations course in graphic organization to include elements of the following: letter formation, typographic presentation, page design. Historical as well as contemporary sources will be consulted. (Not offered 2015-16).

Prerequisite: Materials Fee.

1 unit

AS116 Introduction to Digital Practices

An introduction to using the computer to make art, including a survey of digital imaging, video, and web design. Emphasis on multimedia composition using basic techniques and software. Materials fee. (Not offered 2015-16).

1 unit

AS120 Drawing the Winter Landscape

Exploration of drawing fundamentals as they pertain to the winter landscape. (Not offered 2015-16).

.5 unit

AS122 Techniques in Photographic Printing

All the work done in this course will be produced in one form of reversed tonality or another; everything that ordinarily is positive will be rendered in the negative. The technical range of processes applied will be broad. We will start with the photogram, cliche verre, chemo-prints, and paper negatives. Our exploration will then continue into more contemporary means, Kodak, direct positive processing, Scala positives inverted, color transparencies reversed, digital flipping, and the like. (Not offered 2015-16).

Prerequisite: Art Studio 217 or Art Studio 117. Materials Fee \$30.

.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. Material Fees.

1 unit — Gumper

AS203 Advanced Drawing

Drawing in various media. May include study of human figure, superficial anatomy, landscape, composition, and conceptual drawing.

Prerequisite: Art Studio 103 Materials Fee \$30, Model Fee \$25. Total \$55.

1 unit — Swider

AS205 Painting

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

Prerequisite: Any 100 level AS class. Materials Fee \$30.

1 unit — Swider

AS210 Intermediate Topics in Studio Art

Exploration of topics generally not offered by the department. Open to declared art majors or departmental consent required. (Not offered 2015-16).

Prerequisite: consent of department or declared Art majors Materials Fee \$30.

.5 to 1 unit

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 Materials Fee \$30.

1 unit — Reed

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 Material Fee.

1 unit — Johnson

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 2015-16).

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. Students provide their own cameras.

Prerequisite: Any 100-level studio art course Materials Fee.

1 unit — Powell

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 Materials fee.

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 Materials Fee.

1 unit — Gumper

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 — 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. (Not offered 2015-16).

Prerequisite: consent of instructor or Art Studio 210 Materials Fee \$50.

1 unit

AS313 Special Studio Problems:

Advanced work in any of the studio media, metal, fiber, clay, and photography. Credit in this course may not be applied toward the art major. Spring semester.

Prerequisite: consent of instructor & Art Department Chair required.

.25 unit — Houck, Marshall, Steiner, Tirado

AS314 Advanced Sculpture

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

Prerequisite: Art Studio 214 Materials fee.

1 unit — Johnson

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 2015-16).

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.

Prerequisite: Art Studio 220 Materials fee.

1 unit — Powell

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.

1 unit — Gumpfer, Johnson, Powell, Steiner

AS411 Senior Studio Seminar

Planning and preparation of extended studio projects. Preprofessional preparation for those students with graduate school intentions.

Prerequisite: Senior Art Studio Major.

1 unit — Johnson, Powell

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 2015-16).

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.

1 unit

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.

1 or 2 units — Murray

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.

1 unit — Choi

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. Meets the Critical Perspectives: Global Cultures requirement. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2015-16).

.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 2015-16).

1 unit

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 2015-16).

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 2015-16).

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 2015-16).

1 to 2 units

AH200 Topics in Art History:

Selected topics in art history at the intermediate level.

.5 or 1 unit — Hunter-Larsen, Kolarik, Levine, Tucker

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 2015-16).

.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 2015-16).

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 2015-16).

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.

1 unit — Kolarik

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 2015-16).

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. (Not offered 2015-16).

1 unit

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 2015-16).

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.

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 2015-16).

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 2015-16).

1 unit

AH232 Art of the Dutch Republic

The Golden Age of Holland was a time of economic, cultural, and political growth. Artists developed innovative styles and visual modes that play upon, subvert and enhance our understanding of seeing, living, and thinking in the early modern era. The class examines the primary genres of Dutch art and major artists such as Rembrandt and Vermeer while focusing on questions of interpretation, method, and context. Addresses the production, marketing, ownership, iconography, and remarkable visual power of Dutch art. (Not offered 2015-16).

1 unit

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 2015-16).

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 2015-16).

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 2015-16).

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

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 — Choi

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 2015-16).

1 unit

AH275 Art in Context:

Study of artworks of a selected period, artist, or theme in their historical, social, political, intellectual, and geographical context. This course is taught on campus for approximately half of the block. The second half is spent in the appropriate location off campus (in the U. S. or abroad), where readings, student and faculty presentations, and discussions are focused on the actual artworks in situ. Need-based financial aid for all students is available from the Berg Endowment. Limit 15 students.

1 unit — Murray, Ragan

AH342 Turn of the Century Art in London, Paris and Vienna

Artistic and related intellectual and cultural developments in three important capitals of Europe circa 1880-1910. Focus on such movements as Aestheticism, Symbolism, Decadence, Jugendstil, and Art Nouveau. Artists to be studied include Toulouse-Lautrec, Redon, Klimt, Schiele, Burne-Jones and Beardsley. (Not offered 2015-16).

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

1 unit

AH345 Special Topics in Art History:

Selected topics in art history at the advanced level.

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

1 unit — Kolarik

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 — Murray

AH413 Special Problems in Art History

Independent work and special study in selected fields or periods.

Prerequisite: consent of instructor.

1 unit — Tucker

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 — Kolarik, Murray, Tucker

Asian Studies

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

Major/Minor Requirements • Asian Studies Colorado College

Students majoring in Asian studies must successfully complete a minimum of 11 blocks of Asian studies and related courses. These courses will include 6 (8 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 described 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. (2 blocks)
2. The interdisciplinary core PA 290: Studying Asia. (1 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 & 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 (5 block):
 - 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). (1 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). (1 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.

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. Students are encouraged to take adjunct classes to maintain their language skills, but credit for those classes is not included in the requirements for either the major or the minor.

The structure of the major is as follows: There must be a minimum of two blocks of language (at the Intermediate level or beyond), the one-block interdisciplinary core course, Studying Asia (PA290), a disciplinary methods course, five electives, the senior seminar (PA406), and one block of senior thesis.

REQUIRED COURSES:

1. Two blocks of an Asian language at the intermediate level or beyond;
2. The interdisciplinary core course, PA290: Studying Asia;
3. One methodological perspective outside Asia that exposes students to existing disciplinary approaches. This course should be selected from the disciplinary methods courses offered by various departments/majors on campus. Please consult the Asian studies website for approved courses;
4. Five elective courses from at least two disciplines/majors (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 PA406 (1 unit);
6. Senior Thesis PA400.

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 — Jiang

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 2015-16).

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 — Ericson

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 2015-16).

Prerequisite: consent of instructor.

1 unit

PA110 Topics in Asian Studies:

(Not offered 2015-16).

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 2015-16).

Prerequisite: First Year Experience Course. 1st Years Only.

2 units

PA117 Introduction to Asian Art

1 unit — Choi

PA118 Civilization in East Asia

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2015-16).

2 units

PA121 Introduction to the Sanskrit Language

(Not offered 2015-16).

.5 unit

PA122 Introduction to the Sanskrit Language

(Not offered 2015-16).

.5 unit

PA123 Sanskrit

(Not offered 2015-16).

.5 unit

PA124 Sanskrit

(Not offered 2015-16).

.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 2015-16).

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 2015-16).

.25 unit

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

(Not offered 2015-16).

.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 2015-16).

1 unit

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 2015-16).

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

PA200 Topics in Asian Studies:

1 unit — Mehta, Murphy

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 2015-16).

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 2015-16).

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.) (Not offered 2015-16).

.25 to 1 unit

PA211 Masterpieces of Chinese Literature in Translation

(Not offered 2015-16).

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 2015-16).

1 unit

PA215 Japanese Skill Maintenance

.25 unit — Ericson

PA216 Japanese Skill Maintenance

.25 unit — Ericson

PA217 China in the Age of Confucius

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2015-16).

1 unit

PA219 Dance Studio: Tai Chi

(Not offered 2015-16).

.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 2015-16).

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 2015-16).

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 2015-16).

1 unit

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

(Not offered 2015-16).

.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 2015-16).

.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 2015-16).

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 2015-16).

Prerequisite: Any 100-Level SO course.

1 unit

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

(Not offered 2015-16).

1 unit

PA242 Religion in China

(Not offered 2015-16).

1 unit

PA243 Religion in Japan

(Not offered 2015-16).

1 unit

PA248 Environmental Politics on

(Not offered 2015-16).

1 unit

PA250 Topics in Asian Studies

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, Ericson, Gardiner, Jiang

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 2015-16).

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 2015-16).

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 2015-16).

Prerequisite: Religion 140 or 160 or consent of instructor.

1 unit

PA254 The Art of China

Early Chinese funerary art examined in relation to the Chinese religious philosophies of Confucianism and Daoism. Relationships between Chinese painting and poetry explored, particularly in relation to the handscroll format. The rise of scholar-literati painting in the Song followed by issues of politics, commerce, and art. Meets the Critical Perspectives: Global Cultures requirement.

1 unit

PA255 The Art of Japan

Classical relationships between Heian-period court art, poetry, and aristocratic patronage; medieval Kamakura and Muromachi periods, dominated respectively by Pure Land Buddhism and Zen Buddhism; consolidation of the tea ceremony and unique qualities of castle architecture and screen paintings in the Momoyama; the Edo-period shift towards more inexpensive and widely-reproducible formats, such as the woodblock print. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Choi

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 2015-16).

1 unit

PA281 Religious Poetry in Asia

Poetic traditions in China and Japan and in Indian and Tibetan Buddhism. Topics will include poetry as an expression of the heights and depths of religious experience, as a vehicle for spiritual growth, and as a literary form of prestige and power. We will look at poetry of liberation by early Buddhist nuns, praises of transcendent wisdom by Tibetan spiritual virtuosos, links between verse and painting in China, and the relationship between Japanese haiku and Zen aesthetics.

1 unit — Gardiner

PA290 Studying Asia

An interdisciplinary study of the cultures, peoples, and historical experience of several societies of Asia (South Asia, Southeast Asia, and East Asia) through comparative case studies and theoretical readings. Students will analyze a variety of primary and secondary sources in English translation and learn techniques for interpreting cultures very different from our own. (This seminar is required of Asian Studies majors and must be completed before beginning Senior Thesis blocks.) May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Mehta, Williams

PA293 Music in Culture: Asia

Music is a cornerstone of Asian expressive traditions, providing a lens through which the complex social interactions within the region may be understood. This course introduces the musical cultures of India, China, and Japan in historical and contemporary perspectives, surveying diverse repertoires including ritual, court, folk, popular, and film music. It focuses on three pivotal time periods in each region—the classical era, the early modern era, and the twentieth century—and on the elements of style that create a distinctive sound within each culture. Students participate in hands-on performance workshops led by masters of Asian musics. Assignments are project-based and discussion-oriented. Course material is enhanced by guided listening and films. All students are welcome; no prior musical background needed. This course meets the ethnomusicology requirement for the music minor. As a cross-listing with Anthropology, it centers on humans as producers of music, situates musical activity comparatively, and makes meaningful connections with the body of knowledge and theory of cultural anthropology. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2015-16).

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.

1 unit — Lasmawan

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

Intensive practice in reading, writing, speaking, and comprehending modern Chinese. (Semester-long extended format.)

1 unit — Jiang, 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 — Jiang, Zhang

PA308 Conservation Chinese

(Not offered 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

.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 2015-16).

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 2015-16).

1 unit

PA345 The Dervish Diaries

Selected readings in Islamic literature in translation. (Not offered 2015-16).

1 unit

PA346 Western Political Thought in China

Exploration of contemporary Chinese perspectives on modern Western political thinkers. (Not offered 2015-16).

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.

1 unit — Coleman, Mehta, Singh, 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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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.

Prerequisite: Religion 170 or consent of instructor.

1 unit — Gardiner

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 2015-16).

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 2015-16).

1 unit

PA390 Advanced Topics in Asian Studies:

(Not offered 2015-16).

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 unit — Zhang

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.

1 unit — Ericson

Chemistry and Biochemistry

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

Professors BOWER, LINDEMAN, MEYER, GROVER; Associate Professors BRASUEL, DAUGHERTY (chair), Assistant Professors BOWMAN, DOUNAY, VAGHOO; Visiting Assistant Professor HOLT

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, one credit of (CH301, 401, 403) and other approved upper-level chemistry courses that contain a significant laboratory. 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.](#)**

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

First Year

CH107, CH 108
MA126, MA 129

Second and Third Year

PC241, PC242
CH250: Organic I
CH241: Analytical
CH275: Inorganic I
CH366: Physical I or CH365: Biophysical
CH382 (requires CH251): Biochemistry

One of these courses can be replaced by an additional upper level course in a subdiscipline or cognate discipline

Fourth Year

Three In-Depth Courses: can be from any specific sub-discipline or a mixture of organic, inorganic, analytical, or physical

CH201/301/401: Research
CH 251 (before CH382): Organic II
CH342: Instrumental
CH351: Organic III
CH367: Physical II
CH383: Biochemistry II
CH475: Inorganic II

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)

First Year

CH107, CH 108
MA126, MA 129

Second and Third Year

PC 241, PC242
CH250: Organic
CH 251 (before CH382): Organic II
CH241: Analytical
CH275: Inorganic
CH366: Physical or CH365: Biophysical
CH382 (requires CH251): Biochemistry

Fourth Year

Three In-Depth Courses: can be from any specific sub-discipline or a mixture of organic, inorganic, analytical, or physical

CH201/301/401: Research (with paper)
CH342: Instrumental
CH351: Organic III
CH367: Physical II
CH383: Biochemistry II
CH475: Inorganic II

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; Biology 231; Chemistry: 250, 251, 382, 383 and either 241 or 366 or 365; one credit of (CH301, CH401, or CH403), and two additional credits from the upper-level courses: Chemistry 342, 351, 367, 475, Biology 304, 344, 345, 363, 366, 380 when a significant laboratory component is included. 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, CH 108
MA126, MA 129
BY 131

Second and Third Year

PC241, PC242
BY 231
CH250: Organic I
CH251: Organic II
CH382 (requires CH251): Biochemistry
CH241: Analytical OR CH366: Physical OR CH365: Biophysical
CH301 OR CH401: Research

Fourth Year

CH383: Biochemistry II
Three In-Depth Courses: In biochemistry or molecular biology or a mixture of biochemistry, organic, inorganic, analytical, or physical or upper-level molecular courses in biology 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
CH483: Advanced Metabolism (with lab)
BY304: Immunology (with lab)
BY344: SEM
BY345: TEM
BY363: Virology
BY366: Comparative Animal Physiology
BY380: Advanced Cell Biology
BY440: Topics courses upon approval

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

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

Requirements for ACS Certified Biochemistry Major and Suggested Year of Completion(17.50)

First Year

CH107, CH 108
MA126, MA 129

Second and Third Year

PC241, PC242
CH250: Organic I
CH251: Organic II
CH382 (requires CH251): Biochemistry
CH275: Inorganic I
CH241: Analytical
CH366: Physical OR CH365 Biophysical

Fourth Year

CH383: Biochemistry II

Three In-Depth Courses: In biochemistry or molecular biology or a mixture of biochemistry, organic, inorganic, analytical, or physical or upper-level molecular courses in biology with significant lab component. May be chosen from the following:

CH201/301/401: Research (with paper)
CH342: Instrumental
CH351: Organic III
CH367: Physical II
CH400: Topics courses upon approval
CH475: Inorganic II
CH483: Advanced Metabolism (with lab)
BY304: Immunology (with lab)
BY344: SEM
BY345: TEM
BY363: Virology
BY366: Comparative Animal Physiology
BY380: Advanced Cell Biology
BY440: Topics courses upon approval

CH490: Seminar Course is Required

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

CH 107, CH108

CH 107, CH108

CH 250: Organic I

CH 250: 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

1 unit — Bowman

CH104 Topics in Chemistry:

Selected topics in chemistry taught at the introductory level. units. (Not offered 2015-16).

.5 unit

CH107 General Chemistry I

107 emphasizes the basic principles of atomic structure, periodic properties, molecular structure and bonding, chemical reactions, and stoichiometry. Laboratory included. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

Prerequisite: consent of instructor or 2yrs HS Algebra & 1yr HS Chemistry.

1 unit — Bowman, Brasuel, Daugherty, Kovacs

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 — Bower, Brasuel, Kovacs, Lindeman

CH113 Art and Alchemy-Investigating the Origins of Chemistry

(Not offered 2015-16).

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 2015-16).

1.5 units

CH148 Physics and Chemistry by Experimentation

(Not offered 2015-16).

Prerequisite: First Year Experience Course.

1 unit

CH149 Physics and Chemistry by Experimentation

(Not offered 2015-16).

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. (Not offered 2015-16).

Prerequisite: Mathematics 128.

.5 unit

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 — Brasuel

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 2015-16).

.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 2015-16).

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, Brasuel

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, Martinez, 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, Martinez, 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. (Not offered 2015-16).

.5 to 1 unit

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.

Prerequisite: consent of instructor.

1 unit — Bowman, Brasuel, Daugherty, Grover

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 — Brasuel

CH351 Synthesis of Organic Molecules

Application of structural concepts and functional group reactions to the synthesis of organic compounds. Factors in the design of multistep syntheses such as functional group transformation, elaboration of carbon chains, protecting groups and reaction stereochemistry. Examples from the literature of laboratory syntheses of complex molecules such as steroids, alkaloids and pharmaceuticals will be examined. Laboratory included.

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 2015-16).

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 2015-16).

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, Kovacs

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 — 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 — Bowman, Brasuel, Daugherty, Dounay

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.

1 unit — Dounay

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 2015-16).

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 2015-16).

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 2015-16).

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.

1 unit — Daugherty

CH490 Senior Seminar

An adjunct course spread out over the whole year in which guest lecturers and juniors and seniors present their independent research (either literature or laboratory) to the department in both oral and poster disciplinary presentation formats. One semester required in the senior year for both chemistry and biochemistry majors.

Prerequisite: Required for Chemistry Majors.

.5 unit — Bowman

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

Classics

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

Professors CRAMER (chair), DOBSON; Associate Professor THAKUR; Visiting Assistant Professor BUXTON

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, Dobson

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 — Buxton, Henry

CL114 Goddesses, Heroes, Sages and Statesmen: An Introduction to Greece and Rome

An introduction to ancient Greek and Roman cultures through readings of original sources and some study of the original languages. How human beings conceived the order of nature and culture and the sacred and secular in these periods constitutes the common inheritance of Western culture and predisposes views of self and individual in contemporary Western thought. Emphasis on how these cultures understood the destructive and creative powers of chaos and what forms of order they thought best for human beings. Block 1 will include selections from Homer's Iliad and Odyssey, Hesiod's Theogony, the Presocratics, the ancient Greek dramatists Aeschylus, Sophocles, Euripides, and Aristophanes, the historians Herodotus and Thucydides, Aristotle's Poetics and Plato's Symposium and Phaedrus. Block 2 will include selections from the statesmen Cicero and Caesar, the historian Sallust and Livy, and lyric and epic poetry of Lucretius, Catullus, Vergil, Horace and Ovid. (Not offered 2015-16).

Prerequisite: First Year Experience Course, Freshmen Only.

1 to 2 units

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 2015-16).

1 to 2 units

CL116 Greek History and Philosophy: Origins of Western Culture

Aegean and Greek archaeological, historical, literary and philosophical texts, with emphasis on ideas formative of Western culture. The development and transformations of these ideas as reflected in selected texts from the early Christian era, the Enlightenment, and the Modern Age. We concentrate on concepts of what it means to be human, and the relation of individuals to community, nature, and

the divine in such authors as Homer, Sophocles, Aeschylus, Euripides, Plato, Aristotle, Augustine, Dante, Descartes, Goethe, Nietzsche, and Heidegger (Also listed as History 116 and Philosophy 116.) (Not offered 2015-16).

2 units

CL121 Intensive Latin Grammar Review and Reading Practice

Intensive Latin Grammar Review and Reading Practice. This course will use a morphological and syntactic approach to review and practice the essential structures and concepts of Latin grammar. It is intended to prepare students for courses at the 200 level.

Prerequisite: Classics 111, placement above Classics 111 on department placement test or consent of department.

.5 unit — Henry

CL125 The Ancient Mediterranean

Survey of ancient history as an arena of cultural contact between different ethnic, religious and cultural communities. Emphasis on the Persian Empire as 'other' to Greeks and Jews, on Alexandria as a 'melting pot' or 'salad bowl,' and on the Greco-Roman society of later antiquity as locus of changing identities. Mixed and dialogical cultural forms such as History, New Comedy, Pastoral, Apocalypse, Romance, Acts, and Gospel. Reading selected from Herodotus, the Bible, Plautus, Theocritus, Polybius, Vergil, Caesar Augustus, Philo and Petronius. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Buxton

CL141 Sanskrit

Starting with exercises for students with little or no experience in Sanskrit, a sequence of courses in basic reading and pronunciation skills (emphasizing Sanskrit's unique euphonic system), increasingly complex grammatical forms and structures, strong focus on in-class oral recitation from memory, vocabulary building, grammar and translation, culminating in independent translations of selected primary source material. (Not offered 2015-16).

.5 unit

CL142 Sanskrit

Starting with exercises for students with little or no experience in Sanskrit, a sequence of courses in basic reading and pronunciation skills (emphasizing Sanskrit's unique euphonic system), increasingly complex grammatical forms and structures, strong focus on in-class oral recitation from memory, vocabulary building, grammar and translation, culminating in independent translations of selected primary source material. (Not offered 2015-16).

Prerequisite: Classics 141.

.5 unit

CL143 Sanskrit

Starting with exercises for students with little or no experience in Sanskrit, a sequence of courses in

basic reading and pronunciation skills (emphasizing Sanskrit's unique euphonic system), increasingly complex grammatical forms and structures, strong focus on in-class oral recitation from memory, vocabulary building, grammar and translation, culminating in independent translations of selected primary source material. (Not offered 2015-16).

.5 unit

CL144 Sanskrit

Starting with exercises for students with little or no experience in Sanskrit, a sequence of courses in basic reading and pronunciation skills (emphasizing Sanskrit's unique euphonic system), increasingly complex grammatical forms and structures, strong focus on in-class oral recitation from memory, vocabulary building, grammar and translation, culminating in independent translations of selected primary source material. (Not offered 2015-16).

Prerequisite: Classics 143.

.5 unit

CL201 Reading in Greek:

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

Prerequisite: Classics 101 or consent of instructor.

.5 or 1 unit — Dobson

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

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 2015-16).

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 — Furtak

CL211 Reading in Latin:

Various ancient and medieval Latin works.

Prerequisite: Classics 111 or 2 yrs HS Latin. or consent of instructor.

.5 or 1 unit — Cramer

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 — Cramer

CL216 Roman History I: The Ancient Roman Republic

Focus on the development of Rome, from a small city ruled by kings, to a regional power ruled under a Republic. The course will trace Rome's expansion through Italy, its conflict with Carthage and will closely examine the end of the Republic. Individuals discussed will include the Gracchi, generals Marius, Sulla, Pompey, Caesar, and Rome's greatest politician (and author) Cicero. (Also listed as History 216.)

1 unit — Cramer

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 2015-16).

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 2015-16).

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 — Ashley, Buxton, Daly, Dobson

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 2015-16).

1 unit

CL226 Roman History II: The Rise of the Ancient Roman Empire

Following a brief survey of prior Roman history, the course will examine the development of the Roman state in the late first century under the emperor Augustus. The course will proceed to consider the Empire's evolution and management under subsequent Julio-Claudian, 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. (Also listed as History 227.) (Not offered 2015-16).

1 unit

CL250 Athenian Democracy

Development of democratic institutions from Solon to Pericles, their operations in the 5th and 4th centuries BCE, the experiences of citizenship, legal equality, freedom, and love of country. Slavery, sexual inequality and imperialism as notable, perhaps essential features of the system. Reading from contemporary historians (Herodotus, Thucydides), theorists (Plato, Aristotle, the 'Old Oligarch'), dramatists (Aeschylus, Aristophanes), political orators (Lysias and Demosthenes) and later commentary from Plutarch to the present. (Not offered 2015-16).

1 unit

CL301 Advanced Reading in Greek:

Further exploration of ancient, medieval or modern Greek literature, done as independent reading.

Prerequisite: Classics 202 or consent of instructor.

.5 or 1 unit — Dobson

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

CL311 Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

Prerequisite: Classics 212 or consent of instructor.

.5 or 1 unit — Cramer

CL312 Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

Prerequisite: Classics 212.

.5 or 1 unit — Cramer

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.

.5 unit — Dobson

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.

.5 unit — Cramer

CL412 Directed Readings in Latin:

Independent study of various authors and special topics.

Prerequisite: 311, 312.

1 unit — Cramer

CL431 Thesis

Thesis subjects chosen by student and approved by department. Senior Classics, Classics-History-Politics and Classics - English majors.

Prerequisite: Senior Majors Only.

1 unit — Cramer, Dobson

Classics-English

Professors CRAMER (chair), DOBSON; Associate Professor THAKUR; Visiting Assistant Professor BUXTON

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% 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
- 18th century
- 19th century
- 20th/21st centuries

- At least 2 Classics courses covering the genres of literature, drama, or mythology (2 units minimum)
- The Classics Department 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, Dobson

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 — Buxton, Henry

CL114 Goddesses, Heroes, Sages and Statesmen: An Introduction to Greece and Rome

An introduction to ancient Greek and Roman cultures through readings of original sources and some

study of the original languages. How human beings conceived the order of nature and culture and the sacred and secular in these periods constitutes the common inheritance of Western culture and predisposes views of self and individual in contemporary Western thought. Emphasis on how these cultures understood the destructive and creative powers of chaos and what forms of order they thought best for human beings. Block 1 will include selections from Homer's Iliad and Odyssey, Hesiod's Theogony, the Presocratics, the ancient Greek dramatists Aeschylus, Sophocles, Euripides, and Aristophanes, the historians Herodotus and Thucydides, Aristotle's Poetics and Plato's Symposium and Phaedrus. Block 2 will include selections from the statesmen Cicero and Caesar, the historian Sallust and Livy, and lyric and epic poetry of Lucretius, Catullus, Vergil, Horace and Ovid. (Not offered 2015-16).

Prerequisite: First Year Experience Course, Freshmen Only.

1 to 2 units

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 2015-16).

1 to 2 units

CL116 Greek History and Philosophy: Origins of Western Culture

Aegean and Greek archaeological, historical, literary and philosophical texts, with emphasis on ideas formative of Western culture. The development and transformations of these ideas as reflected in selected texts from the early Christian era, the Enlightenment, and the Modern Age. We concentrate on concepts of what it means to be human, and the relation of individuals to community, nature, and the divine in such authors as Homer, Sophocles, Aeschylus, Euripides, Plato, Aristotle, Augustine, Dante, Descartes, Goethe, Nietzsche, and Heidegger (Also listed as History 116 and Philosophy 116.) (Not offered 2015-16).

2 units

CL121 Intensive Latin Grammar Review and Reading Practice

Intensive Latin Grammar Review and Reading Practice. This course will use a morphological and syntactic approach to review and practice the essential structures and concepts of Latin grammar. It is intended to prepare students for courses at the 200 level.

Prerequisite: Classics 111, placement above Classics 111 on department placement test or consent of department.

.5 unit — Henry

CL125 The Ancient Mediterranean

Survey of ancient history as an arena of cultural contact between different ethnic, religious and cultural communities. Emphasis on the Persian Empire as 'other' to Greeks and Jews, on Alexandria as a 'melting pot' or 'salad bowl,' and on the Greco-Roman society of later antiquity as locus of changing identities. Mixed and dialogical cultural forms such as History, New Comedy, Pastoral, Apocalypse, Romance, Acts, and Gospel. Reading selected from Herodotus, the Bible, Plautus, Theocritus, Polybius, Vergil, Caesar Augustus, Philo and Petronius. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Buxton

CL141 Sanskrit

Starting with exercises for students with little or no experience in Sanskrit, a sequence of courses in basic reading and pronunciation skills (emphasizing Sanskrit's unique euphonic system), increasingly complex grammatical forms and structures, strong focus on in-class oral recitation from memory, vocabulary building, grammar and translation, culminating in independent translations of selected primary source material. (Not offered 2015-16).

.5 unit

CL142 Sanskrit

Starting with exercises for students with little or no experience in Sanskrit, a sequence of courses in basic reading and pronunciation skills (emphasizing Sanskrit's unique euphonic system), increasingly complex grammatical forms and structures, strong focus on in-class oral recitation from memory, vocabulary building, grammar and translation, culminating in independent translations of selected primary source material. (Not offered 2015-16).

Prerequisite: Classics 141.

.5 unit

CL143 Sanskrit

Starting with exercises for students with little or no experience in Sanskrit, a sequence of courses in basic reading and pronunciation skills (emphasizing Sanskrit's unique euphonic system), increasingly complex grammatical forms and structures, strong focus on in-class oral recitation from memory, vocabulary building, grammar and translation, culminating in independent translations of selected primary source material. (Not offered 2015-16).

.5 unit

CL144 Sanskrit

Starting with exercises for students with little or no experience in Sanskrit, a sequence of courses in basic reading and pronunciation skills (emphasizing Sanskrit's unique euphonic system), increasingly complex grammatical forms and structures, strong focus on in-class oral recitation from memory, vocabulary building, grammar and translation, culminating in independent translations of selected primary source material. (Not offered 2015-16).

Prerequisite: Classics 143.

.5 unit

CL201 Reading in Greek:

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

Prerequisite: Classics 101 or consent of instructor.

.5 or 1 unit — Dobson

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

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 2015-16).

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 — Furtak

CL211 Reading in Latin:

Various ancient and medieval Latin works.

Prerequisite: Classics 111 or 2 yrs HS Latin. or consent of instructor.

.5 or 1 unit — Cramer

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 — Cramer

CL216 Roman History I: The Ancient Roman Republic

Focus on the development of Rome, from a small city ruled by kings, to a regional power ruled under a Republic. The course will trace Rome's expansion through Italy, its conflict with Carthage and will closely examine the end of the Republic. Individuals discussed will include the Gracchi, generals Marius, Sulla, Pompey, Caesar, and Rome's greatest politician (and author) Cicero. (Also listed as History 216.)

1 unit — Cramer

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 2015-16).

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 2015-16).

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 — Ashley, Buxton, Daly, Dobson

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 2015-16).

1 unit

CL226 Roman History II: The Rise of the Ancient Roman Empire

Following a brief survey of prior Roman history, the course will examine the development of the Roman state in the late first century under the emperor Augustus. The course will proceed to consider the Empire's evolution and management under subsequent Julio-Claudian, 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. (Also listed as History 227.) (Not offered 2015-16).

1 unit

CL250 Athenian Democracy

Development of democratic institutions from Solon to Pericles, their operations in the 5th and 4th centuries BCE, the experiences of citizenship, legal equality, freedom, and love of country. Slavery, sexual inequality and imperialism as notable, perhaps essential features of the system. Reading from contemporary historians (Herodotus, Thucydides), theorists (Plato, Aristotle, the 'Old Oligarch'), dramatists (Aeschylus, Aristophanes), political orators (Lysias and Demosthenes) and later commentary from Plutarch to the present. (Not offered 2015-16).

1 unit

CL301 Advanced Reading in Greek:

Further exploration of ancient, medieval or modern Greek literature, done as independent reading.

Prerequisite: Classics 202 or consent of instructor.

.5 or 1 unit — Dobson

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

CL311 Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

Prerequisite: Classics 212 or consent of instructor.

.5 or 1 unit — Cramer

CL312 Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

Prerequisite: Classics 212.

.5 or 1 unit — Cramer

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.

.5 unit — Dobson

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.

.5 unit — Cramer

CL412 Directed Readings in Latin:

Independent study of various authors and special topics.

Prerequisite: 311, 312.

1 unit — Cramer

CL431 Thesis

Thesis subjects chosen by student and approved by department. Senior Classics, Classics-History-Politics and Classics - English majors.

Prerequisite: Senior Majors Only.

1 unit — Cramer, Dobson

English

EN102 Advanced Written Practice in English as a Second Language

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 (4 blocks, fall and spring). (Not offered 2015-16).

.5 unit

EN103 Advanced Oral Practice in English as a Second Language

Strengthening of oral fluency skills through pronunciation practice, vocabulary development, and review of idiomatic expressions and two-word verbs. Students will also participate in classroom discussions and oral presentations. (Not offered 2015-16).

.5 unit

EN115 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.

2 units — Fuller, Simons

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. (Not offered 2015-16).

1 to 2 units

EN203 Tradition and Change in Literature

The study of a single theme or subject as it emerges in selected periods of literature, chiefly English and American, from the Renaissance to the 20th century. Attention will be directed toward the Classical and Medieval origins of texts and traditions. The historical periods and the subjects will vary from section to section and from year to year. The focus will be upon such themes and subjects as nature, cities, love, oppression, satire, the epic, narrative, and critical tradition and revolt. Meets the Critical Perspectives: The West in Time requirement.

2 units — Stefanek

EN204 Fiction: Reading It, Writing It

The development of short narrative fiction in Western Literature, from ancient times to the present. Students combine the reading of great short stories with writing short stories of their own and

criticizing one another's work. Writers may include Ovid, Boccaccio, Poe, Chekhov, Hemingway, Flannery O'Connor. (Not offered 2015-16).

2 units

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 2015-16).

1 to 2 units

EN211 Introduction to Fiction

An introduction to narrative fiction. (Offered in some years with Writing Intensive.) (Not offered 2015-16).

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.

1 unit — Giuffre, Hilberry

EN221 Introduction to Poetry

An introduction to English verse. (Offered in some years for 2 units with Writing Intensive.)

1 unit — Evitt, Hilberry, Stefanek

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. Four to seven representative plays, including a history, a comedy, a tragedy, and a romance.

1 unit — Hilberry, Stefanek

EN231 Introduction to Drama

An introduction to dramatic form. (Offered in some years for 2 units with Writing Intensive.) (Not offered 2015-16).

1 to 2 units

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, Garcia, Naji, Sarchett

EN251 The Study of Folklore I

A survey of the main forms of folklore, with emphasis on definition, identification, and collection of traditional oral forms (tales, legends, myths, ballads, beliefs, jokes, riddles, etc.). Includes a collecting project designed to introduce students to the traditional expressions of ethnic or other cultural groups. (Not offered 2015-16).

1 unit

EN253 The Literature of the American Southwest

The literature of the Native Americans, the Spanish, and the Anglos. Readings in transcribed poetry and song, diaries, folk literature, and modern authors such as D. H. Lawrence, Willa Cather, Edward Abbey, Rudolfo Anaya, and Leslie Silko. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

1 unit

EN259 Lesbian, Gay, Bisexual, Transgender 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 writer, 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. (Not offered 2015-16).

1 unit

EN271 Themes and Types of Literature: Children's Literature

Prose and poetry for children from early folk tales to the novels of E. B. White. (Not offered 2015-16).

1 unit

EN274 Themes and Types of Literature: Women and Literature

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 2015-16).

1 unit

EN275 The Graphic Novel

This course explores the history and craft of graphic narrative from the eighteenth century to the contemporary moment. Examining how the medium engages a variety of literary modes, students will consider how the graphic novel negotiates notions of both visuality and of textuality. More broadly, the course will trace 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. Building on the critical and theoretical works of Barthes, Groensteen, Drucker, McCloud, Mitchell, McLuhan, and Sabin, students will study graphic narratives by such authors as Lynd Ward, Will Eisner, Art Spiegelman, Marjane Satrapi, Daniel Clowes, Chris Ware, Joe Sacco, Alan Moore, Alison Bechdel, and Charles Burns. (Not offered 2015-16).

1 unit

EN280 Topics in Literature:

Studies in a wide array of cultural, social, historical, generic, and aesthetic topics in British and American literature. Designed for first-year students, sophomores, non-majors, as well as majors.

.5 or 1 unit — Butte, Cucher, Hayward, Hughes

EN281 Topics in Literature: 'The Adventures of Huckleberry Finn

(Not offered 2015-16).

.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

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 2015-16).

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 2015-16).

.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 — Goodwin, Sides

EN288 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

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.

1 unit — Tynan

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 2015-16).

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 2015-16).

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. (Not offered

2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

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 2015-16).

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 — Moore

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 — Benz, Freeman

EN310 Issues in Medieval Literature:

Selected English and/or Continental literature of the period 400-1500, organized around such topics as 'Chaucer's Contemporaries,' 'Women Authors,' 'Fabliaux,' 'Dream Visions,' 'The Alliterative Tradition,' 'Medieval Mysticism,' or 'The Lyric. (Not offered 2015-16).

Prerequisite: English 221 or 250 or consent of instructor.

1 to 1.5 units

EN311 Chaucer's 'Canterbury Tales'

Introduction to Middle English and close reading of selections from The Canterbury Tales. Offered every other year; alternates with EN 312.

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. Offered every other year; alternates with EN 311. (Not offered 2015-16).

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 2015-16).

Prerequisite: English 221 or 250 or consent of instructor.

1 unit

EN316 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, fictions based on imagined thoughts and actions of historical figures, and comparisons of historical biographies 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 literarily and literature historically in order to interrogate the uses and limitations of both forms of writing. (Not offered 2015-16).

1 unit

EN318 Medieval Drama

Selected examples of medieval dramatic practice - English and Continental - with emphasis on one or more of the following kinds of medieval drama: Liturgical Drama, Saints' and/or Conversion Plays, Corpus Christi Cycle Drama, Morality Plays. English plays taught in Middle English; Continental plays in translation. (Not offered 2015-16).

Prerequisite: English 221 or 250 or consent of instructor.

1 unit

EN320 Issues in Renaissance Literature:

Selected literature of the period 1500-1660 addressing a topic such as time and mutability, gender and genre, nature and art, politics and society. (Not offered 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN321 Renaissance Poetry

Selected poetry of the period 1500-1660 focusing on a single poet (such as Donne or Spenser), a group of poets (such as Donne and the Metaphysicals or Ben Jonson and the Tribe of Ben), or a particular genre of poetry (such as narrative verse, the lyric, pastoral poetry, the sonnet sequence, or satire.) (Not offered 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN326 Studies in Shakespeare:

Detailed study of one of the following groups: 1) histories, 2) comedies and romances, 3) major tragedies, 4) a number of the works grouped according to a thematic principle.

Prerequisite: 221 or 250 or consent of instructor.

1 unit — Stefanek

EN328 Renaissance Drama

Tragedies, comedies, and tragi-comedies by Shakespeare's contemporaries. (Not offered 2015-16).

Prerequisite: English 221 or 250 or consent of instructor.

1 unit

EN329 Milton

Major poetry and selected prose of John Milton, with particular emphasis on Paradise Lost.

Prerequisite: English 221 or 250 or consent of instructor.

1 unit — Richman

EN350 Issues in Restoration and/or 18th-Century Literature

Selected British (and occasionally some American) fiction, poetry, and non-fiction prose of the period, with attention to a topic or theme such as satire, the early Gothic novel, town and country, travel narratives, heroines of gentility (images of femininity in the 18th century), and the construction of 'the 18th century' as a literary period. (Not offered 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN352 18th Century British Novel

The novel from Defoe to Austen with emphasis on any one or several of the following critical issues: the epistolary novel, satire and the novel, religious quest and narrative strategies, representations of women in the early British novel, representations of 'otherness' in the early British novel, and formal innovation and continuity in the early British novel.

Prerequisite: English 221 or 250 or consent of instructor.

1 unit — Butte

EN360 Issues in British Romanticism:

Selected fiction, poetry, and non-fiction prose of the period, with particular attention to such topics as the Romantic lyric, poetry and revolution, nature and the city, women and romanticism, the romantic use of the Prometheus myth, and romanticism and the Gothic.

Prerequisite: English 221 or 250 or consent of instructor.

1 unit — Dubreuil

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 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN370 Issues in 19th-Century Literature

Selected fiction, poetry, and non-fiction prose which looks at a problem or theme in 19th-century British and/or American literature such as narratives of identity, archetypes of city and nature, the politics of genre, comparisons of British and American culture, and the nature of literary periods themselves.

Prerequisite: English 221 or 250 or consent of instructor.

1 unit — Singh

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 2015-16).

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 Austen, Thackeray, the Brontes, Dickens, George Eliot, Trollope, Hardy, and the early Conrad. (Not offered 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN379 Irish Writers after Joyce and Yeats

Major works by such writers as Flann O'Brien, Patrick Kavanagh, Louis MacNeice, Edna O'Brien, and Seamus Heaney. Some cultural and historical background, including colonial and post-colonial issues, will be provided. (Not offered 2015-16).

Prerequisite: 221 or 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 — Davis, Hughes, Lozano, Sawyer

EN381 Major Authors:

In-depth study of one major author, either contemporary or from an earlier period.

Prerequisite: 221 or 250 or consent of instructor.

1 unit — Sarchett

EN382 Studies in 20th-Century Fiction

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

Prerequisite: 221 or 250 or consent of instructor.

1 unit — Simons

EN383 Studies in 20th-Century Poetry

Selected poetry exploring some aspect of the century's literary and cultural concerns or some particular poetic movement. (Not offered 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN385 20th-Century African-American Literature

Readings in black American writers such as W. E. B. Dubois, Ralph Ellison, Nella Larsen, and Rita Dove. Organized around aesthetic and cultural issues such as feminism, the 'anxiety of influence,' pressures of the marketplace, identity politics, and post-modern theory. (Not offered 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN386 James Joyce's 'Ulysses'

A concentrated study of Joyce's masterpiece, using extensive historical, biographical, critical, and theoretical materials. (Not offered 2015-16).

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 2015-16).

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. (Not offered 2015-16).

Prerequisite: Theatre 217 or consent of instructor.

1 unit

EN391 Early American Literature

Major and minor works of the colonial period and the early republic by such writers as Edwards, Franklin, Rowlandson, Charles Brockden Brown, Cooper, and Irving. (Not offered 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN394 American Literature:

Major authors of the mid-19th century: Poe, Hawthorne, Melville, Emerson, Thoreau and Whitman.

Prerequisite: 221 or 250 or consent of instructor.

1 unit — 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 — Tynan

EN397 American Literature: The 20th-Century, 1914-1950

Major works of Eliot, Stevens, Cather, Faulkner, Hemingway, Fitzgerald, Hurston, O'Neill and others.

Prerequisite: 221 or 250 or consent of instructor.

1 unit — Tynan

EN398 American Literature: Contemporary, 1950 to Present

Major works of such authors as Elizabeth Bishop, Robert Lowell, F. O'Connor, Pynchon, Delillo, Carver, Morrison, Mamet, and others. (Not offered 2015-16).

Prerequisite: 221 or 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 — Garcia, Richman

EN401 Independent Reading

Prerequisite: 221 or 250 & Jr/Sr English Major & consent of department.

1 unit — Evitt, Mason

EN480 Senior Seminar: Regular Track

Advanced study of a topic of literary significance. Required of all senior Regular Track English majors and of all senior Film Track English majors who are not making a film. Students taking this course for 1 unit must complete EN 499 as well. Students taking this course for 2 units complete their senior theses within the course.

Prerequisite: English 221 & 250 or consent of instructor.

1 or 2 units — Garcia, Mason

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

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

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 2015-16).

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, Cucher, Garcia, Hayward

Classics-History-Politics

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 252 Origins of Modern Science, History 277 Early Modern Europe, History 278 Europe from 1789–1848, History 287 Enlightenment Culture, History 288 Intellectual History of Modern Europe, 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 Thought from Kant to Nietzsche.

IV. Contemporary Period: History 280 20th-Century Europe, 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 be also 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

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, Dobson

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 — Buxton, Henry

CL114 Goddesses, Heroes, Sages and Statesmen: An Introduction to Greece and Rome

An introduction to ancient Greek and Roman cultures through readings of original sources and some study of the original languages. How human beings conceived the order of nature and culture and the sacred and secular in these periods constitutes the common inheritance of Western culture and predisposes views of self and individual in contemporary Western thought. Emphasis on how these cultures understood the destructive and creative powers of chaos and what forms of order they thought best for human beings. Block 1 will include selections from Homer's Iliad and Odyssey, Hesiod's Theogony, the Presocratics, the ancient Greek dramatists Aeschylus, Sophocles, Euripides, and Aristophanes, the historians Herodotus and Thucydides, Aristotle's Poetics and Plato's Symposium and Phaedrus. Block 2 will include selections from the statesmen Cicero and Caesar, the historian Sallust and Livy, and lyric and epic poetry of Lucretius, Catullus, Vergil, Horace and Ovid. (Not

offered 2015-16).

Prerequisite: First Year Experience Course, Freshmen Only.

1 to 2 units

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 2015-16).

1 to 2 units

CL116 Greek History and Philosophy: Origins of Western Culture

Aegean and Greek archaeological, historical, literary and philosophical texts, with emphasis on ideas formative of Western culture. The development and transformations of these ideas as reflected in selected texts from the early Christian era, the Enlightenment, and the Modern Age. We concentrate on concepts of what it means to be human, and the relation of individuals to community, nature, and the divine in such authors as Homer, Sophocles, Aeschylus, Euripides, Plato, Aristotle, Augustine, Dante, Descartes, Goethe, Nietzsche, and Heidegger (Also listed as History 116 and Philosophy 116.) (Not offered 2015-16).

2 units

CL121 Intensive Latin Grammar Review and Reading Practice

Intensive Latin Grammar Review and Reading Practice. This course will use a morphological and syntactic approach to review and practice the essential structures and concepts of Latin grammar. It is intended to prepare students for courses at the 200 level.

Prerequisite: Classics 111, placement above Classics 111 on department placement test or consent of department.

.5 unit — Henry

CL125 The Ancient Mediterranean

Survey of ancient history as an arena of cultural contact between different ethnic, religious and cultural communities. Emphasis on the Persian Empire as 'other' to Greeks and Jews, on Alexandria as a 'melting pot' or 'salad bowl,' and on the Greco-Roman society of later antiquity as locus of changing identities. Mixed and dialogical cultural forms such as History, New Comedy, Pastoral, Apocalypse, Romance, Acts, and Gospel. Reading selected from Herodotus, the Bible, Plautus, Theocritus, Polybius, Vergil, Caesar Augustus, Philo and Petronius. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Buxton

CL141 Sanskrit

Starting with exercises for students with little or no experience in Sanskrit, a sequence of courses in basic reading and pronunciation skills (emphasizing Sanskrit's unique euphonic system), increasingly complex grammatical forms and structures, strong focus on in-class oral recitation from memory, vocabulary building, grammar and translation, culminating in independent translations of selected primary source material. (Not offered 2015-16).

.5 unit

CL142 Sanskrit

Starting with exercises for students with little or no experience in Sanskrit, a sequence of courses in basic reading and pronunciation skills (emphasizing Sanskrit's unique euphonic system), increasingly complex grammatical forms and structures, strong focus on in-class oral recitation from memory, vocabulary building, grammar and translation, culminating in independent translations of selected primary source material. (Not offered 2015-16).

Prerequisite: Classics 141.

.5 unit

CL143 Sanskrit

Starting with exercises for students with little or no experience in Sanskrit, a sequence of courses in basic reading and pronunciation skills (emphasizing Sanskrit's unique euphonic system), increasingly complex grammatical forms and structures, strong focus on in-class oral recitation from memory, vocabulary building, grammar and translation, culminating in independent translations of selected primary source material. (Not offered 2015-16).

.5 unit

CL144 Sanskrit

Starting with exercises for students with little or no experience in Sanskrit, a sequence of courses in basic reading and pronunciation skills (emphasizing Sanskrit's unique euphonic system), increasingly complex grammatical forms and structures, strong focus on in-class oral recitation from memory, vocabulary building, grammar and translation, culminating in independent translations of selected primary source material. (Not offered 2015-16).

Prerequisite: Classics 143.

.5 unit

CL201 Reading in Greek:

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

Prerequisite: Classics 101 or consent of instructor.

.5 or 1 unit — Dobson

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

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 2015-16).

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 — Furtak

CL211 Reading in Latin:

Various ancient and medieval Latin works.

Prerequisite: Classics 111 or 2 yrs HS Latin. or consent of instructor.

.5 or 1 unit — Cramer

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 — Cramer

CL216 Roman History I: The Ancient Roman Republic

Focus on the development of Rome, from a small city ruled by kings, to a regional power ruled under a Republic. The course will trace Rome's expansion through Italy, its conflict with Carthage and will closely examine the end of the Republic. Individuals discussed will include the Gracchi, generals Marius, Sulla, Pompey, Caesar, and Rome's greatest politician (and author) Cicero. (Also listed as History 216.)

1 unit — Cramer

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 2015-16).

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 2015-16).

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 — Ashley, Buxton, Daly, Dobson

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 2015-16).

1 unit

CL226 Roman History II: The Rise of the Ancient Roman Empire

Following a brief survey of prior Roman history, the course will examine the development of the Roman state in the late first century under the emperor Augustus. The course will proceed to consider the Empire's evolution and management under subsequent Julio-Claudian, 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. (Also listed as History 227.) (Not offered 2015-16).

1 unit

CL250 Athenian Democracy

Development of democratic institutions from Solon to Pericles, their operations in the 5th and 4th centuries BCE, the experiences of citizenship, legal equality, freedom, and love of country. Slavery, sexual inequality and imperialism as notable, perhaps essential features of the system. Reading from contemporary historians (Herodotus, Thucydides), theorists (Plato, Aristotle, the 'Old Oligarch'), dramatists (Aeschylus, Aristophanes), political orators (Lysias and Demosthenes) and later commentary from Plutarch to the present. (Not offered 2015-16).

1 unit

CL301 Advanced Reading in Greek:

Further exploration of ancient, medieval or modern Greek literature, done as independent reading.

Prerequisite: Classics 202 or consent of instructor.

.5 or 1 unit — Dobson

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

CL311 Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

Prerequisite: Classics 212 or consent of instructor.

.5 or 1 unit — Cramer

CL312 Advanced Reading in Latin:

Further exploration of ancient or medieval Latin literature.

Prerequisite: Classics 212.

.5 or 1 unit — Cramer

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.

.5 unit — Dobson

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.

.5 unit — Cramer

CL412 Directed Readings in Latin:

Independent study of various authors and special topics.

Prerequisite: 311, 312.

1 unit — Cramer

CL431 Thesis

Thesis subjects chosen by student and approved by department. Senior Classics, Classics-History-Politics and Classics - English majors.

Prerequisite: Senior Majors Only.

1 unit — Cramer, Dobson

History

HY104 Culture, Society & History:

An introductory survey of human culture and society through the comparison of Europe and one other major area of the world from ancient to the modern period, focusing on fundamental topics in the

development of world civilizations, including material culture, political organization, and aesthetics. The course will emphasize critical moments in historical development, thematic connections, and primary textual and visual sources. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. Meets the Critical Perspectives: The West in Time requirement.

2 units — Ashley, Murphy

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 — Rommel-Ruiz

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 2015-16).

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 — Blasenheim, Mehta, Neel, Rommel-Ruiz

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. Meets the Critical Perspectives: Global Cultures requirement. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

1 to 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, Blasenheim, Lee, Mehta

HY205 US History to 1860

Broad approach to the history of American traditions and institutions from Anglo-American settlement to the outbreak of the Civil War, addressing Native American-Anglo American encounters; colonization and development of Anglo-American culture and society; African Slave Trade and the Plantation Economy; American Revolution; Jeffersonian Ideology and Westward Expansion; Jacksonian Democracy and the Industrial Revolution; the Politics of Slavery and Secession. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Rommel-Ruiz

HY206 US History since 1860

Broad approach to the history of the United States since the Civil War, focusing on multiple meanings of American freedom and the rise of the modern United States as a global power, including attention to Emancipation and Reconstruction; Industrialization, Migration, and Immigration; Civil Rights Movements and Protest Politics; the Great Depression, New Deal and WWII; American Foreign Policy and the Cold War; the Great Society, Vietnam, and the Challenge to the New Deal Order.

Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Monroy

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

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.

1 unit — Cornelius

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 2015-16).

1 unit

HY212 American Environmental History

A survey of American history from the perspective of the environment, beginning with the biological and cultural invasion of the New World in 1492 and ending with current environmental problems and their historical roots. Topics include Native American vs. Euro-American views of nature, the impact of changing economic systems on the environment, and the impact of the landscape on various American cultures.

1 unit — Cornelius, Perramond

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 2015-16).

Prerequisite: Completion of CP:W required.

1 unit

HY216 Roman History I: The Ancient 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 — Cramer

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 2015-16).

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 2015-16).

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.

1 unit — Showalter

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. (Not offered 2015-16).

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 2015-16).

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 2015-16).

1 unit

HY227 Roman History II: The Rise of the Ancient Roman Empire

Following a brief survey of prior Roman history, the course will examine the development of the Roman state in the late first century under the emperor Augustus. The course will proceed to consider the Empire's evolution and management under subsequent Julio-Claudian, 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. (Also listed as Classics 226.) (Not offered 2015-16).

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 2015-16).

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 Yearsâ War through the Revolution and Confederation to the adoption of the U. S. Constitution. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

1 unit

HY230 The Early Republic, 1789-1848

Initial development of the United States under the Constitution through the Virginia dynasty and Jacksonian democracy. Party formation; conflicts in political economy; diplomacy; expansion; social and cultural growth. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

2 units

HY231 Civil War and Reconstruction, 1845-1877

The causes, strategies, and impact of the Civil War on the United States. Slavery, sectional controversy, political crises; civilian and military life during the war; the successes and failures of Reconstruction; the problems of race. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

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 2015-16).

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 2015-16).

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. (Not offered 2015-16).

1 unit

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. (Not offered 2015-16).

1 unit

HY239 History of Mexico

The Aztec and other Indian peoples' influence in Mexican history and thought; Spanish colonial legacy; Enlightenment, Liberal, and Conservative political philosophies; Mexico's relationship to the United States; roles of the Church and of violence from European encounter through Revolution (1910-1921) and into Mexico's current precarious social and political situation. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2015-16).

1 unit

HY240 Foundations of American Constitutionalism and Diplomacy to 1865

Emphasizes the intellectual precursors and historical development of the federal union of 1787 and of early American foreign policy. Considers America before the Civil War as a system of states and explores through debates over the American union and early foreign policy a range of theoretical issues in international relations. (Not offered 2015-16).

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 2015-16).

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. Meets the Critical Perspectives: Global Cultures requirement. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

1 unit

HY249 Women, Children & Men: Families in Historical Perspective

This course treats gender roles and family life throughout the European past, with comparative attention to families of other historical cultures and to relationships within non-human primate communities. It emphasizes the historical agency of women and children generally elided from traditional master narratives of Western Civilization, demonstrating how feminist and ethnohistorical approaches can reveal their experience. Course materials will include historiographical and anthropological literature as well as primary documents, literary works and visual sources. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Neel

HY252 Magic, Science, and Religion in the Mediterranean

How have science and religion come to be seen as such different enterprises? What role has the charge of 'magic' played in setting boundaries between communities as they sought to understand both the workings of the natural world and spiritual revelation? This course examines the intertwined histories of what we now call magic, science, and religion, through Babylonian, Hebrew, Greek, Arabic, and Latin sources, from the ancient through the early modern periods. (Not offered 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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. Meets the Critical Perspectives: Global Cultures requirement. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Monroy

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 2015-16).

1 unit

HY270 The New South: Modernity,

(Not offered 2015-16).

1 unit

HY274 Making Europe: Medieval

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 Europes.

1 unit — Neel

HY275 The Renaissance and the Reformation: Crisis and Dissent

Scientific, religious and artistic achievements of the 14th, 15th and 16th centuries.

1 unit — Ashley

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 2015-16).

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 2015-16).

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.

1 unit — Showalter

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 2015-16).

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. (Not offered 2015-16).

1 unit

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 2015-16).

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.

1 unit — Showalter

HY290 World War II and Its Aftermath in Europe, 1939-2000

World War II and Its Aftermath in Europe, 1939-2000. The outbreak, course, and the effects of the War, including the advent of Communism in eastern Europe, European integration, and the 'economic miracle' in western Europe. The emergence of consumer society, the spread of popular culture, and the development of mass education. Attention to the challenges of decolonization and immigration Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

1 unit

HY302 The Invention of History

Herodotus, sometimes called the 'father of lies,' and Thucydides, sometimes called the first political

scientist, treated as the first historians. Study of the ways of conceiving history and its relation to the peoples and periods explored. No Greek or Latin required.

1 unit — 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 2015-16).

.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 — Mehta, Williams

HY307 History of Sex: Traditions

Analysis of sexual roles and sexual practices in the world before the concept of "sexual identity" emerged in the late nineteenth century. Examination of how different religious traditions such as Judaism, Islam, Hinduism, Christianity, and Buddhism have viewed sex, and exploration of a wide variety of topics including pornography, prostitution, and same-sex sexual behavior throughout the pre-modern world. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Ragan

HY308 History of Sex: Modernity

After examination of the birth of "sexuality" in late nineteenth-century Europe, exploration of the acceptance of and resistance to this new conceptual model throughout the world. Attention to heterosexuality and homosexuality, intersexuality, and "perversion," concluding with analysis of the contemporary cultural wars over sexuality in Africa, Asia, Europe, and South America. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

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.

1 unit — Neel

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 2015-16).

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 2015-16).

1 unit

HY330 Colloquium in History and Politics

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 — Gould, Monroy

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 avantgarde, futurism, and existentialism. (Not offered 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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 — Monroy, Murphy, 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 2015-16).

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 — Neel, Ragan

HY420 Senior Essay

Independent, primary source research. Particular content and emphasis of the paper to be determined in consultation with supervising professor. To be taken in the block immediately following HY 410.

Prerequisite: History 399 and 410 consent of instructor, senior standing.

1 unit — Neel, Ragan

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 — Coggins

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

HY431 Senior Thesis

Directed reading and preparation of a thesis.

Prerequisite: 399, consent of instructor, senior standing.

1 unit

Political Science

PS101 What is Politics? Examines enduring themes in political life

Questions explored include the balance between state authority and individual liberty; analogies between the exercise of power in government and other areas of human life; the nature of ethical judgment in governance; and the varying ways in which constitutional regimes give expression to and tame the exercise of power. (Formerly 201 Political Analysis.) (Cannot be taken after 103.)

Prerequisite: No credit after 103.

1 unit — Cronin

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 2015-16).

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.

2 units — Fuller, Simons

PS123 Race in America: A Conversation

(Not offered 2015-16).

.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.

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 — Coggins, Cronin, Wittmer

PS203 Topics in Politics:

.5 or 1 unit — Alters, Coggins, Cronin, 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 2015-16).

.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 — Derdzinski, Hendrickson

PS210 The Law & Social Justice

Analysis of significant and controversial Supreme Court decisions on issues such as racism and the legacy of slavery, school desegregation, affirmative action, gender discrimination, sexual harassment, the right to an abortion, criminal law, freedom of speech, and the separation of church and state. (Not offered 2015-16).

1 unit

PS211 Women, Government and Public Policy

Examines the relationship between women, government, and public policy -- with the primary goal of understanding how politics is gendered. Topics include the 'waves' of feminism, how female lawmakers navigate the electoral and legislative arenas, and the role of gender in public policy.

1 unit — Wittmer

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 2015-16).

.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 2015-16).

1 to 3 units

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 — Derdzinski, 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 2015-16).

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 2015-16).

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 — Derdzinski, Lindau, Yasuda

PS242 Conservatism & Liberalism

Examination of leading conservative and liberal thinkers in America since 1945.

1 unit — Fuller

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

1 unit

PS254 Democracy & Justice

(Not offered 2015-16).

.5 unit

PS265 Religion and Politics

Difficulties in determining the proper relations between religion and politics continuously provoke heated debate within American politics. This course examines a variety of philosophic approaches to the problem. We begin with a careful consideration of the classical liberal democratic solution of separating church and state, and then turn to a variety of contemporary alternatives - from moderate revisions to radical criticisms. (Not offered 2015-16).

Prerequisite: Cannot be taken after Political Science 270.

1 unit

PS270 Liberty & Equality

Explores the question whether there is a fundamental justification for democratic rule by analyzing diverse defenses and critiques of the claims that democracy is founded on the truth of human equality and best provides for individual liberty.

Prerequisite: No credit if Political Science 298 is taken.

1 unit — Grace

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 2015-16).

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 (Not offered 2015-16).

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

PS290 Foundations of Political Thought

Examines the origins and development of political theory from Plato to Machiavelli. (Not offered 2015-16).

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 2015-16).

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? (Not offered 2015-16).

1 unit

PS301 Europe and its Governments:

A comparative study of the political systems and political cultures of selected European countries with consideration of the history and prospects of European Union.

1 unit — Lee

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 2015-16).

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. (Not offered 2015-16).

1 unit

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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. Meets the Critical Perspectives: Global Cultures requirement. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

.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 2015-16).

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 2015-16).

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

PS322 Russia & the World

(Not offered 2015-16).

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 2015-16).

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 2015-16).

1 unit

PS325 Conduct of American Foreign Policy

An examination of the conflict zones of the contemporary international system, with typical focus on East Asia, the Middle East, and Europe.

Prerequisite: Either Political Science 101, 103 or 104 or consent of instructor.

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 2015-16).

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 2015-16).

1 unit

PS330 Colloquium in History and Politics

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 — Gould, Monroy

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. (Not offered 2015-16).

1 unit

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.

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 2015-16).

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: 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/Idealism and 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

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 2015-16).

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 — McKendry

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 2015-16).

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 2015-16).

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 150 (or 151 and 152).

1 unit — Gould, 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. (Not offered 2015-16).

Prerequisite: consent of instructor or Political Science 200.

1 unit

PS402 Independent Research in Political Science

A project normally organized around preparation of a substantial paper. Proposed and carried out at student initiative, under supervision of a department faculty member, in an area in which the student has already completed basic course work. (May also be listed as North American Studies 402 if emphasis is on Canada.)

.5 unit — Price-Smith

PS403 Independent Study:

1 unit — Gould, Price-Smith

PS404 Tutorial in American Politics

Prerequisite: consent of instructor.

1 unit — Coggins, Wittmer

PS408 Tutorial in Political Theory

May be taught as a block course or as an extended format year-long course. (Not offered 2015-16).

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 — Lindau

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. (Not offered 2015-16).

Prerequisite: consent of instructor.

.5 to 1 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.

2 units — Price-Smith

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 — Smith, Yasuda

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

Comparative Literature

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

Associate Professors DAVIS, SCHEINER; Adjunct Associate Professor HUGHES (director); Visiting Assistant Professor DECKER

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, 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

Requirements for the Major

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 — Berrejeb

AR104 Elementary Arabic Review

Drills students in basic vocabulary and grammar skills acquired in AR101. Highly recommended for students who have completed AR101. (Not offered 2015-16).

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 — Berrejeb

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. (Not offered 2015-16).

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 2015-16).

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 of 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 2015-16).

.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 2015-16).

Prerequisite: First years Only.

2 units

CO141 Philosophy & Literature

(Not offered 2015-16).

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 unit — Cronin, Cucher, Dobson, Ericson

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 — Naji

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 — Russell

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 — Hughes

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*.

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

1 unit — Arroyo-Rodriguez, Ben-Amots, Krzych

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 — Ruiz

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 2015-16).

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 — Davis

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

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

Professor JANKE; 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:

- **CP122** (Computer Science 1), **MA126** (Calculus 1) and **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
- **CP215** (Applications 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 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. 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 (revised September 2013)
As of the 2013-2014 academic year, the computer science major now includes a required senior project. Students starting at CC during the 2013-2014 school year or after must fulfill this senior project requirement. Previously declared majors are not required to complete a project, but strongly encouraged to consider it.

Senior Project:

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 of the second Monday of Block 2 of your senior year, you must submit a project proposal 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:

- **CP222**, **CP215**, 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 Mathematics and Computer Science Department.

Courses

Computer Science

CP122 Computer Science I

Introduction to the design of algorithms, the design of data structures, and the design of computer programs using the computer language JAVA. This is the first course for those interested in computer science. 1 unit - Janke, Bredin, McDougall. Meets the Critical Perspectives: Quantitative Reasoning requirement.

1 unit — Janke, Lee, Ylvisaker

CP215 Application Design

An introduction to the methods necessary to solve a wide variety of computational problems. Specific tools will be drawn from various languages (e.g., Python, shell scripting) and applications (e.g., Mathematica, MATLAB). Projects include building databases of web information, finding patterns in survey or genome data, and processing sound files. Meets the Critical Perspectives: Quantitative Reasoning requirement.

Prerequisite: Computer Science 122 or consent of instructor.

1 unit — Whitehead, Ylvisaker

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 — Janke, Lee

CP241 Topics in Computer Science:

Special topics in computer science not offered on a regular basis (Not offered 2015-16).

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.

Prerequisite: Computer Science 122.

.5 unit — Janke, Whitehead

CP255 Independent Study:

Prerequisite: consent of instructor.

.5 to 1 unit

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 215 or 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 215, Computer Science 222, Computer Science 275.

1 unit — Whitehead, Ylvisaker

CP342 Distributed Systems

Fundamentals of network design and interaction of computing systems. Topics include network protocols, security, synchronization, transactions, and network programming. Bredin.

Prerequisite: Computer Science 215, Computer Science 222, Computer Science 275.

1 unit — Lee

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 215, Computer Science 222, Computer Science 275.

1 unit — Whitehead

CP355 Independent Study:

Prerequisite: Computer Science 215, Computer Science 222, Computer Science 275.

1 unit — Janke

CP360 Computer Graphics

Introduction to the algorithms and theory necessary for producing graphic images with the computer. Topics include perspective, projection, hidden line removal, curve design, fractal images, shading, and some animation. (Not offered 2015-16).

Prerequisite: Computer Science 215, Computer Science 222, Computer Science 275.

1 unit

CP365 Artificial Intelligence

An introduction to the theories and methods of artificial intelligence. Topics include problem solving, game playing, knowledge representation, natural language understanding, and expert systems. (Not offered 2015-16).

Prerequisite: Computer Science 215, Computer Science 222, 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 2015-16).

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. (Not offered 2015-16).

Prerequisite: Computer Science 215, Computer Science 222, Computer Science 275.

1 unit

CP407 Analysis of Algorithms

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

Prerequisite: Computer Science 215, Computer Science 222, Computer Science 275.

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 215, Computer Science 222, Computer Science 275.

1 unit — Ylvisaker

Economics and Business

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

Professors FENN, KAPURIA-FOREMAN, LAUX, REDMOUNT, SMITH, TIEFENTHALER;
Associate Professors DE ARAUJO (Chair), JOHNSON, LYBECKER, PARCO (Associate Chair);
Assistant Professors HOEL, RADER; Schlessman Visiting Executives-in-Residence EDMONDS,
MANN, PRESS; Visiting Faculty COOLEY, FULLERTON, JETER, RAPPAPORT

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 Nebraska, 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 I (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

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 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	1 or 2 units
MA117 or 217; BY220	Probability and Statistics OR Probability and Statistical Modeling Or Biostatistics and Experimental Design	1 unit
		2 or 3 units

B. Required Courses in Economics

Business, Micro, Macro /International, Track	EC201	Economic Theory I	1 unit
	EC301	Microeconomic Theory II	1 unit
	EC302	Macroeconomic Theory II	1 unit
	EC303 or 403	Econometrics OR Econometric Theory	1 unit
Business Track	EC205	Financial Accounting	1 unit
			4 or 5 units

C. Electives in Economics

<p>A minimum of five elective courses within the department’s three tracks (Business, Micro and Macro/International) such that:</p> <p>a) at least two credits are completed within each of two different tracks, and</p> <p>b) at least four electives are at the 300-level or above</p>	5 units
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D. Thesis in Economics

<p>A two-block thesis experience must be completed in one of the student’s completed tracks:</p> <p>EC 430 for Business theme</p> <p>EC 460 for Microeconomics theme</p> <p>EC 490 for Macroeconomics/ International theme</p>	2 units
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TOTAL MINIMUM REQUIRED CREDITS.....13 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 411-430
- Microeconomics courses are EC 241-260, 341-360, 441-460
- Macroeconomics/International courses are EC 271-290, 371-390, 471-490

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% 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 2015-16).

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 — Fullerton, Lybecker

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 — Rappaport

EC110 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, 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 — Cooley, Parco, Rader

EC112 Business and Society

An examination of the social, political and natural environment in which business operates (Not offered 2015-16).

1 unit

EC115 Legal Environment of Business

Survey of the U.S. system of laws and courts and the role of law in business and personal decision-making. A study of case law and judicial thinking ranging from traditional fields of contracts and torts to recent Supreme Court decisions on the environment, e-commerce, the Internet, licensing, and First Amendment freedoms

1 unit — 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 (Not offered 2015-16).

Prerequisite: consent of instructor.

.25 unit

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 2015-16).

1 unit

EC142 Water Resource Management

Examines current problems in water resource management on various scales â 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 2015-16).

.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 — Fullerton, Hoel, Kapuria-Foreman, Rappaport

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 — Cooley, Laux, Rader

EC210 Intermediate Topics in Economics and Business

Selected topics in economics and business, drawing on the use of previous knowledge of economic principles

Prerequisite: Economics 201 or equivalent.

1 unit — Edmonds, Parco, Rader, Smith

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. (Not offered 2015-16).

Prerequisite: Economics 120; Economics 201 or Economics 205.

1 unit

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. (Not offered 2015-16).

Prerequisite: Economics 220.

.25 unit

EC241 The Economics of Sports

The course will examine sports economics models. Students will apply theory to various aspects of both collegiate and professional sports. Topics include (but are not limited to) wage discrimination in sports, the economics of stadiums, alumni giving and collegiate athletics, academics and collegiate athletics, sports rights and broadcasting, and sports and gambling. (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. (Not offered 2015-16).

Prerequisite: Economics 201. May also count as a course within the Macroeconomics/International Theme.

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 — Gould, Kapuria-Foreman

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 — Fenn, Hoel, Lybecker, de Araujo

EC302 Macroeconomic Theory II

An advanced study of business cycles and economic growth models.

Prerequisite: Economics 201.

1 unit — Redmount, de Araujo

EC303 Econometrics

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

Prerequisite: 301 or 302; Mathematics 117 or Mathematics 217 or Biology 220.

1 unit — Kapuria-Foreman, Rappaport, 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 2015-16).

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 2015-16).

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.

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

1 unit — Laux

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 — Laux

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. (New York field trip in alternate years with additional \$\$\$ and a class size lime of 15.) Class limit is 25 in the years when there is no field trip.

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

1 unit — Parco

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, Parco

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 — Parco

EC341 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 studentsâ 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. (Not offered 2015-16).

Prerequisite: Economics credit: Economics 301; Economics 302; Environmental Science credit: Economics 141/EV 141 and Economics 201. (Also listed as Environmental Program 341.).

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 2015-16).

Prerequisite: 301; 302.

1 unit

EC344 Industrial Organization

Problems of competition and coordination among firms in the market at large, including the dynamics of monopoly, oligopoly, monopolistic competition and such practices as price discrimination, tying and bundling, and product differentiation. Examination of the rationales behind antitrust legislation and regulation. May include field trip.

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. (Not offered 2015-16).

Prerequisite: Economics 301; Economics 302; Economics 303.

1 unit

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 — Fullerton, Lybecker

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 2015-16).

Prerequisite: Economics 301; Economics 302.

1 unit

EC350 Economics of Higher Education

This course applies economic theory and data analysis in an investigation of important issues in higher education. Issues of prestige, admissions, financial aid, access, student and faculty quality, alumni giving and endowments, and externalities will be addressed (Not offered 2015-16).

Prerequisite: Economics 301, Economics 303.

1 unit

EC351 The Economics of Immigration

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

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 2015-16).

Prerequisite: Economics 301.

1 unit

EC371 Money, Banking and Financial Markets

Macroeconomic analysis of capital markets. Issues include Federal Reserve monetary policy, changes in the banking industry, determination of interest rates and stock market valuation. Development of skills to analyze current financial news and make predictions regarding their economic impact. Limit to be 15 when taught in New York.

Prerequisite: Economics 301, Economics 302.

1 unit — Rappaport

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 2015-16).

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 2015-16).

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 — de Araujo

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 — Fullerton

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 2015-16).

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 Advanced Topics in Business

Selected topics, with content and emphasis developed by the instructor. (Not offered 2015-16).

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

1 unit

EC426 Directed Readings in Business

Student readings of works selected by a faculty member on a common problem not covered directly by regular courses. Intensive research, writing, discussion, and oral reporting of ideas related to the assigned readings. Independent student work and initiative. May be taught as an extended 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 — Fenn, Fullerton, Lybecker, Parco

EC455 Advanced Topics in Microeconomics

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

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

1 unit — Rask, Tiefenthaler

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 — de Araujo

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 — Rask, Smith

EC470 Seminar in International Political Economy

Students produce original research under the personal supervision of an assigned faculty member.

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

1 unit — Smith, Yasuda

EC485 Advanced Topics in Macroeconomics

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

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

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 — Lybecker, de Araujo

EC492 Joint Faculty/Student Research in Economics and Business

Cooperation between advanced students and faculty on an individual basis to jointly pursue research on a selected topic. The student will be responsible for a share of the research, discussion of the findings and significance, and preparation of a paper reflecting the procedures and findings of the investigation. May be taught as an extended year-long course.

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

1 unit

EC493 Tutorial in International Political Economy

Focuses on the economic interactions among countries as nation states to pursue their interests as well as the role of international institutions and multilateral treaties in establishing an international economic regime. Students write a substantial paper exploring some aspect of this interaction, and have considerable freedom in defining their research agenda. (Also listed as PS 470.) (Not offered 2015-16).

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 2015-16).

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 — Fenn, Fullerton, Hoel, Kapuria-Foreman

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: Economics 301 and Economics 302; Economics 275 or Political Science 375; International Political Economy major; senior.

2 units

Education

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

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

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.

Major Requirements

A student majoring in education must complete a minimum of 11 units, distributed as described below:

Category: Foundations in Education (two units)

ED150 Contemporary Issues in Education

ED210 Power of the Arts in Education

ED211 Framework for American Education

ED218 Globalization in Education

ED222 Diversity and Equity in Education*

ED225 Foundations of Environmental Education

ED255 Urban Education*

* Either ED222 or ED255 must be taken for majors or minors who wish to earn teaching credentials

ED250 Topics in Education (any variation)

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...)

Category: Practicum (two units)

ED100 College Aides in Colorado Springs Schools – .5 unit

ED110 Experienced Aides in Colorado Springs Schools (prerequisite: ED100) - .5 unit

ED120 Practicum in Environmental Education (TREE Semester - 1 unit)

ED121 Youth Empowerment - .5 unit

ED200 Teaching Culturally and Linguistically Diverse Learners - 1 unit

ED201 Advanced Aides in Colorado Springs Schools (prerequisite: ED110) - .5 unit

ED206 Independent Study Practicum (prerequisite: ED110) - .5 to 1 unit

ED213 Engaging the Learner (prerequisite: ED110)

Category: Educational Research (two units)

ED260 Educational Research Design (prerequisite: one unit from the foundations category). This is a two block course.

Category: Psychology (one unit)

ED311 Educational Psychology (prerequisite: one unit from the foundations category)

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

ED370 Arts Integration: Creating Critical Thinkers and Connected Communities (prerequisite: ED100, ED311)

ED380 Curriculum and Engaging Pedagogies (prerequisite: ED100, ED311)

ED385 Environmental Education (prerequisite: ED120, ED225)

Category: Instructional Methods (one unit)

ED477 Culturally Responsive Teaching and Disciplinary Literacy Methods (prerequisite: ED110, ED260, ED311 *and* COI** OR Master of Arts in Teaching candidate)

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

Category: Educational Policy and Reform (one unit)

ED415 Educational Interventions (prerequisite: ED370 or ED380 or ED385)

ED425 Innovations & Social Justice in Public Education (prerequisite: ED370 or ED380, or ED385)

ED430 Policy and Politics in American Education (prerequisite: ED370 or ED380 or ED385)

ED455 Education Reform in the 21st Century (prerequisite: ED370 or ED380 or ED385)

Category: Advanced Research (one unit)

ED490 Advanced Research (prerequisite: ED260, ED311 and COI)

Minor 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 (two units)

ED150 Contemporary Issues in Education

ED210 Power of the Arts in Education

ED211 Framework for American Education

ED218 Globalization in Education

ED222 Diversity and Equity in Education*

ED225 Foundations of Environmental Education

ED255 Urban Education*

* Either ED222 or ED255 must be taken for majors or minors who wish to earn teaching credentials

ED250 Topics in Education (any variation)

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...)

Category: Practicum (one unit)

ED100 College Aides in Colorado Springs Schools – .5 unit

ED110 Experienced Aides in Colorado Springs Schools (prerequisite: ED100) - .5 unit

ED120 Practicum in Environmental Education (TREE Semester - 1 unit)

ED121 Youth Empowerment - .5 unit

ED200 Teaching Culturally and Linguistically Diverse Learners - 1 unit

ED201 Advanced Aides in Colorado Springs Schools (prerequisite: ED110) - .5 unit

ED206 Independent Study Practicum (prerequisite: ED110) - .5 to 1 unit

ED213 Engaging the Learner (prerequisite: ED110)

Category: Psychology (one unit)

ED311 Educational Psychology (prerequisite: one unit from the foundations category)

Category: Curriculum, Instruction and Assessment (one unit)

ED370 Arts Integration: Creating Critical Thinkers and Connected Communities (prerequisite: ED100, ED311)

ED380 Curriculum and Engaging Pedagogies (prerequisite: ED100, ED311)

ED385 Environmental Education (prerequisite: ED120, ED225)

Teacher Preparation Program Requirements

Program Advisor: Terri Gortner, Director of Teacher Preparation Program

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

ED100: College Aides in Colorado Springs Schools - .5 unit and ED110: Experienced Aides in Colorado Springs Schools - .5 unit

One of the following: ED222 Diversity and Equity in Education, ED250: Topics-Multicultural Education or ED255: Urban Education - 1 unit

ED311: Educational Psychology - 1 unit

ED477 Culturally Responsive Teaching and Disciplinary Literacy Methods (prerequisite: ED100, ED110,

ED311 and COI** OR Master of Arts in Teaching candidate) - 1 unit

ED478 Advanced Methods: Critical Pedagogies in Literacy, Curriculum and Instruction (prerequisite: ED477) - 2 units

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

ED400 Educational Technology (prerequisite: COD) - 0 unit

ED407 Topics and Issues in Special Education in the General Classroom (prerequisite: COD) - .25 unit

ED408 Assessment Design and Data-Driven Instruction (prerequisite: COD) - .25 unit

ED479 Teacher Candidate Practicum (3.5 to 4 units), OR

ED479 (2 units) and ED495 International Teaching (2 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 Education Department. 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 one enrollment in ED100 and one enrollment in ED110 (60 hours of observation and successful participation in local public schools); endorsement from two classroom teachers with whom the applicant has interacted as part of the 60-hour requirement; 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 education department, 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 or PLACE 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 Education Department for further information.

Master of Arts in Teaching Programs

Colorado College offers a Master of Arts in Teaching Elementary Program, Master of Arts in Teaching K-12

art, music, French, German, Latin and Spanish programs and Master of Arts in Teaching Secondary (6-12) programs in English, math, science and social studies. Descriptions of the schedules and requirements of MAT programs may be obtained from the Education Department website or Education Services Manager Debra 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 Education Department.

In compliance with Title II of the Higher Education Act, the following data for 2013-14 (the most recent reporting year) is provided: 16 students were enrolled (admitted but not yet completed) in the teacher education program and 21 students completed the teacher education program; there were four full-time faculty members, and there were 13 part-time faculty in professional education and faculty from other departments involved. There were 10 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

ED100 College Aides in Colorado Springs Schools

Serve as an aide in cooperation with public schools in the Colorado Springs area. College Aides complete at least 30 hours of service-learning per semester in cooperation with local school personnel. Responsibilities vary according to the needs of the school, but emphasis is on small group and remedial help to students. Coursework and class meetings explore educational theory and issues that arise from the field placements. (Offered in fall, spring and January half-block).

.5 unit — Gortner

ED110 Experienced Aides in the Colorado Springs Schools

Serve as an experienced instructional aide in local schools, completing 30 hours of service-learning in a K-12 classroom per semester. Activity varies according to the needs of the classroom, but the emphasis is on comparing and contrasting educational theories and practices with the earlier aiding experience and on offering direct instruction under the guidance of the classroom teacher. (Offered in fall, spring and January half-block.)

Prerequisite: Education 100.

.5 unit — Gortner

ED120 Practicum in Environmental Education

Students serve as experienced instructional aides in local schools, completing 60 hours of service learning in both K-12 classrooms and outdoor instruction. Activities vary according to the needs of the school. The emphasis is on comparing and contrasting educational theories and practices and on offering direct instruction under the guidance of the classroom and outdoor education teachers. (with student supervision from SEE Program K-12 teachers, administrators and experienced supervisors)

Prerequisite: consent of department.

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 2015-16).

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 2015-16).

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).

Prerequisite: Education 110.

.5 unit — Taber

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 — Stanec, Taber, Valtierra

ED210 Power of the Arts in Education

This community-based learning course explores the rationales, history and theories of the learning and the arts in education. The arts will be used as teaching pedagogies to motivate and engage students in learning. Museum education will be studied as an informal learning environment for teaching core curriculum to PK-12 students. Requires a substantial lab component, providing hands-on experience in digital storytelling, teaching in school classrooms, and working with PK-12 students in the Cornerstone IDEA space.

1 unit — Stanec

ED211 Framework for American Education

1 unit — Valtierra

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 110.

1 unit — Stanec

ED217 Musical Learning Theories for Band and Orchestral Instruments

In this course, students study various approaches for teaching instrumental music (e.g.: Orff, Kodaly, Suzuki, Dalcroze, etc.) while they acquire intermediate performance skills on two band or orchestral instruments. By engaging in various music learning theories, students discover how to best teach someone to play an instrument, in the context of school, private lesson, and informal settings. Students will explore how sound is produced, which motor and aural skills enhance playing an instrument, and what teaching methods improve instruction and learning. After practice, observation, and teaching others, the course culminates with solo and small ensemble performances. Required for K-12 music teaching licensure candidates.

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 — Mendoza

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 2015-16).

1 unit

ED225 Foundations of Environmental Education

Environmental education is the process of learning about our interdependence with the natural world. Class discussions and analysis of the literature address the characteristics and goals of environmental education, the evolution of the field of environmental education, and fundamental aspects of cognitive and developmental theory as they relate to education. Teaching experiences in the outdoors and in classrooms allow for experiential reflection on these topics with a focus on understanding how environmental education is implemented

Prerequisite: consent of instructor.

1 unit — Drossman

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.

1 unit — Freeman, Slayden, Valtierra, Whitaker

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.

1 unit — Whitaker

ED260 Educational Research Design

The goal of this course is to provide students with the knowledge and skills necessary to critically evaluate educational research. The primary goals of the course are for students to be able to formulate appropriate research questions, consider alternative mixed methods designs including action research and case studies, and address methodological issues associated with working with qualitative and quantitative data. A significant portion of the course is devoted to learning statistical analyses methods using SPSS. Meets the Critical Perspectives: Quantitative Reasoning requirement.

Prerequisite: Education 150, Education 210, Education 211, Education 218, Education 222, or Education 255.

2 units — Taber

ED311 Educational Psychology

explore the intersection of developmental psychology and learning theories from early childhood through adolescence. Across the course, the focus is on understanding what 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.

Prerequisite: Education 150, Education 210, Education 211, Education 218, Education 222, or Education 255.

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 2015-16).

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 311, Education 100.

1 unit — Stanec

ED380 Curriculum 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 the complexity of pedagogy, from direct instruction to constructivism, which defines and shapes the learning environment. Particular attention is paid to materials used for 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 observing in-school utilization and optimization of curricular resources. (Not offered 2015-16).

Prerequisite: Education 110, Education 260.

1 unit

ED385 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.

Prerequisite: Education 120 and Education 225.

1 unit — Drossman

ED400 Integrating Educational Technology

An examination of the major principles and arguments of symbolic interactionism, an approach to the social world that privileges micro-level phenomena. Particular attention to interactional accomplishments of self and identity, the nature, structure, and norms of social interaction, processes of perception and categorization; and interactional regulation of bodies and emotions. 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 — Drossman, Stanec, Taber

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 ED479.

Prerequisite: consent of instructor.

.25 unit — Shannon

ED408 Assessment Design and Data-Driven Instruction

This course examines a range of student assessments from teacher-designed tests and writing assignments to interpreting the 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.

.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. (Not offered 2015-16).

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

1 unit

ED418 Colloquium:

(Not offered 2015-16).

.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.

Prerequisite: Education 370 or Education 380 or Education 385.

1 unit — Valtierra

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 2015-16).

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's 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.

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

1 unit — Whitaker

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's and learners's decision making.

Prerequisite: Education 110, Education 260, Education 311 and consent of instructor** OR Master of Arts in Teaching candidate).

1 unit — Taber, Valtierra

ED478 Advanced Methods: Critical 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's 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's 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's skills in becoming self-analytic and reflective teachers.

Prerequisite: Education 477 and MAT or Teacher Licensure Candidate.

2 units — Stanec, 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 — Gortner

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, Stanec, Taber, 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.

Prerequisite: Education 479 for 2 units.

2 units — Mendoza

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 2015-16).

ED524 Teacher Scholars Program:

(Not offered 2015-16).

.25 unit

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 — Gortner

ED580 School Teaching Fellowship

Full-time teaching in an elementary, secondary or K-12 classroom in Colorado Springs and vicinity.

Prerequisite: Education 579. 1 to 3 units.

3 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 2015-16).

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 2015-16).

Prerequisite: Education 579.

2 units

ED599 Master's Research Defense

A Master of Arts in Teaching Candidate defends her/his research topic in an oral setting.

Prerequisite: MAT Candidates Only.

.25 unit — Taber

English

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

Professors BUTTE (associate chair), GARCIA, HILBERRY, MASON (chair), SARCHETT, SIMONS, TYNAN; Associate Professors EVITT, HAYWARD, LOVE, RICHMAN; Adjunct Associate Professor HUGHES; Visiting Professor SINGH; Visiting Assistant Professors CUCHER, STEFANEK; Riley Scholar LOZANO.

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 English Department):
 - 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 English Department):
 - 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 English Department is narrative film studies and narrative filmmaking (including documentary filmmaking), with a strong foundation in literary study. Understanding character and story in Shakespeare and Dickens prepares students to understand character and story in "Citizen Kane," and in their own filmmaking. Film track majors benefit from a strong introduction to film studies as an intellectual discipline, based in an understanding of film history and theory, and developed in courses in narrative film like Hitchcock, The Western, and Film Noir. 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 English Department/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 English Department. 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

EN102 Advanced Written Practice in English as a Second Language

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 (4 blocks, fall and spring). (Not offered 2015-16).

.5 unit

EN103 Advanced Oral Practice in English as a Second Language

Strengthening of oral fluency skills through pronunciation practice, vocabulary development, and review of idiomatic expressions and two-word verbs. Students will also participate in classroom discussions and oral presentations. (Not offered 2015-16).

.5 unit

EN115 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.

2 units — Fuller, Simons

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. (Not offered 2015-16).

1 to 2 units

EN203 Tradition and Change in Literature

The study of a single theme or subject as it emerges in selected periods of literature, chiefly English and American, from the Renaissance to the 20th century. Attention will be directed toward the Classical and Medieval origins of texts and traditions. The historical periods and the subjects will vary from section to section and from year to year. The focus will be upon such themes and subjects as nature, cities, love, oppression, satire, the epic, narrative, and critical tradition and revolt. Meets the Critical Perspectives: The West in Time requirement.

2 units — Stefanek

EN204 Fiction: Reading It, Writing It

The development of short narrative fiction in Western Literature, from ancient times to the present. Students combine the reading of great short stories with writing short stories of their own and criticizing one another's work. Writers may include Ovid, Boccaccio, Poe, Chekhov, Hemingway, Flannery O'Connor. (Not offered 2015-16).

2 units

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 2015-16).

1 to 2 units

EN211 Introduction to Fiction

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

2015-16).

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.

1 unit — Giuffre, Hilberry

EN221 Introduction to Poetry

An introduction to English verse. (Offered in some years for 2 units with Writing Intensive.)

1 unit — Evitt, Hilberry, Stefanek

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. Four to seven representative plays, including a history, a comedy, a tragedy, and a romance.

1 unit — Hilberry, Stefanek

EN231 Introduction to Drama

An introduction to dramatic form. (Offered in some years for 2 units with Writing Intensive.) (Not offered 2015-16).

1 to 2 units

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, Garcia, Naji, Sarchett

EN251 The Study of Folklore I

A survey of the main forms of folklore, with emphasis on definition, identification, and collection of

traditional oral forms (tales, legends, myths, ballads, beliefs, jokes, riddles, etc.). Includes a collecting project designed to introduce students to the traditional expressions of ethnic or other cultural groups. (Not offered 2015-16).

1 unit

EN253 The Literature of the American Southwest

The literature of the Native Americans, the Spanish, and the Anglos. Readings in transcribed poetry and song, diaries, folk literature, and modern authors such as D. H. Lawrence, Willa Cather, Edward Abbey, Rudolfo Anaya, and Leslie Silko. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

1 unit

EN259 Lesbian, Gay, Bisexual, Transgender 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 writer, 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. (Not offered 2015-16).

1 unit

EN271 Themes and Types of Literature: Children's Literature

Prose and poetry for children from early folk tales to the novels of E. B. White. (Not offered 2015-16).

1 unit

EN274 Themes and Types of Literature: Women and Literature

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 2015-16).

1 unit

EN275 The Graphic Novel

This course explores the history and craft of graphic narrative from the eighteenth century to the contemporary moment. Examining how the medium engages a variety of literary modes, students will consider how the graphic novel negotiates notions of both visuality and of textuality. More broadly, the course will trace 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. Building on the critical and theoretical works of Barthes, Groensteen, Drucker, McCloud, Mitchell, McLuhan, and Sabin, students will study graphic narratives by such authors as Lynd Ward, Will Eisner, Art Spiegelman, Marjane Satrapi, Daniel Clowes, Chris Ware, Joe Sacco, Alan Moore, Alison Bechdel, and Charles Burns. (Not offered 2015-16).

1 unit

EN280 Topics in Literature:

Studies in a wide array of cultural, social, historical, generic, and aesthetic topics in British and American literature. Designed for first-year students, sophomores, non-majors, as well as majors.

.5 or 1 unit — Butte, Cucher, Hayward, Hughes

EN281 Topics in Literature: 'The Adventures of Huckleberry Finn

(Not offered 2015-16).

.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

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 2015-16).

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 2015-16).

.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 — Goodwin, Sides

EN288 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

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.

1 unit — Tynan

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 2015-16).

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 2015-16).

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. (Not offered 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

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 2015-16).

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 — Moore

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 — Benz, Freeman

EN310 Issues in Medieval Literature:

Selected English and/or Continental literature of the period 400-1500, organized around such topics as 'Chaucer's Contemporaries,' 'Women Authors,' 'Fabliaux,' 'Dream Visions,' 'The Alliterative Tradition,' 'Medieval Mysticism,' or 'The Lyric. (Not offered 2015-16).

Prerequisite: English 221 or 250 or consent of instructor.

1 to 1.5 units

EN311 Chaucer's 'Canterbury Tales'

Introduction to Middle English and close reading of selections from The Canterbury Tales. Offered every other year; alternates with EN 312.

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. Offered every other year; alternates with EN 311. (Not offered 2015-16).

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 2015-16).

Prerequisite: English 221 or 250 or consent of instructor.

1 unit

EN316 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, fictions

based on imagined thoughts and actions of historical figures, and comparisons of historical biographies 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 literarily and literature historically in order to interrogate the uses and limitations of both forms of writing. (Not offered 2015-16).

1 unit

EN318 Medieval Drama

Selected examples of medieval dramatic practice - English and Continental - with emphasis on one or more of the following kinds of medieval drama: Liturgical Drama, Saints' and/or Conversion Plays, Corpus Christi Cycle Drama, Morality Plays. English plays taught in Middle English; Continental plays in translation. (Not offered 2015-16).

Prerequisite: English 221 or 250 or consent of instructor.

1 unit

EN320 Issues in Renaissance Literature:

Selected literature of the period 1500-1660 addressing a topic such as time and mutability, gender and genre, nature and art, politics and society. (Not offered 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN321 Renaissance Poetry

Selected poetry of the period 1500-1660 focusing on a single poet (such as Donne or Spenser), a group of poets (such as Donne and the Metaphysicals or Ben Jonson and the Tribe of Ben), or a particular genre of poetry (such as narrative verse, the lyric, pastoral poetry, the sonnet sequence, or satire.) (Not offered 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN326 Studies in Shakespeare:

Detailed study of one of the following groups: 1) histories, 2) comedies and romances, 3) major tragedies, 4) a number of the works grouped according to a thematic principle.

Prerequisite: 221 or 250 or consent of instructor.

1 unit — Stefanek

EN328 Renaissance Drama

Tragedies, comedies, and tragi-comedies by Shakespeare's contemporaries. (Not offered 2015-16).

Prerequisite: English 221 or 250 or consent of instructor.

1 unit

EN329 Milton

Major poetry and selected prose of John Milton, with particular emphasis on Paradise Lost.

Prerequisite: English 221 or 250 or consent of instructor.

1 unit — Richman

EN350 Issues in Restoration and/or 18th-Century Literature

Selected British (and occasionally some American) fiction, poetry, and non-fiction prose of the period, with attention to a topic or theme such as satire, the early Gothic novel, town and country, travel narratives, heroines of gentility (images of femininity in the 18th century), and the construction of 'the 18th century' as a literary period. (Not offered 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN352 18th Century British Novel

The novel from Defoe to Austen with emphasis on any one or several of the following critical issues: the epistolary novel, satire and the novel, religious quest and narrative strategies, representations of women in the early British novel, representations of 'otherness' in the early British novel, and formal innovation and continuity in the early British novel.

Prerequisite: English 221 or 250 or consent of instructor.

1 unit — Butte

EN360 Issues in British Romanticism:

Selected fiction, poetry, and non-fiction prose of the period, with particular attention to such topics as the Romantic lyric, poetry and revolution, nature and the city, women and romanticism, the romantic use of the Prometheus myth, and romanticism and the Gothic.

Prerequisite: English 221 or 250 or consent of instructor.

1 unit — Dubreuil

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 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN370 Issues in 19th-Century Literature

Selected fiction, poetry, and non-fiction prose which looks at a problem or theme in 19th-century British and/or American literature such as narratives of identity, archetypes of city and nature, the politics of genre, comparisons of British and American culture, and the nature of literary periods

themselves.

Prerequisite: English 221 or 250 or consent of instructor.

1 unit — Singh

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 2015-16).

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 Austen, Thackeray, the Brontes, Dickens, George Eliot, Trollope, Hardy, and the early Conrad. (Not offered 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN379 Irish Writers after Joyce and Yeats

Major works by such writers as Flann O'Brien, Patrick Kavanagh, Louis MacNeice, Edna O'Brien, and Seamus Heaney. Some cultural and historical background, including colonial and post-colonial issues, will be provided. (Not offered 2015-16).

Prerequisite: 221 or 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 — Davis, Hughes, Lozano, Sawyer

EN381 Major Authors:

In-depth study of one major author, either contemporary or from an earlier period.

Prerequisite: 221 or 250 or consent of instructor.

1 unit — Sarchett

EN382 Studies in 20th-Century Fiction

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

Prerequisite: 221 or 250 or consent of instructor.

1 unit — Simons

EN383 Studies in 20th-Century Poetry

Selected poetry exploring some aspect of the century's literary and cultural concerns or some particular poetic movement. (Not offered 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN385 20th-Century African-American Literature

Readings in black American writers such as W. E. B. Dubois, Ralph Ellison, Nella Larsen, and Rita Dove. Organized around aesthetic and cultural issues such as feminism, the 'anxiety of influence,' pressures of the marketplace, identity politics, and post-modern theory. (Not offered 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN386 James Joyce's 'Ulysses'

A concentrated study of Joyce's masterpiece, using extensive historical, biographical, critical, and theoretical materials. (Not offered 2015-16).

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 2015-16).

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. (Not offered 2015-16).

Prerequisite: Theatre 217 or consent of instructor.

1 unit

EN391 Early American Literature

Major and minor works of the colonial period and the early republic by such writers as Edwards, Franklin, Rowlandson, Charles Brockden Brown, Cooper, and Irving. (Not offered 2015-16).

Prerequisite: 221 or 250 or consent of instructor.

1 unit

EN394 American Literature:

Major authors of the mid-19th century: Poe, Hawthorne, Melville, Emerson, Thoreau and Whitman.

Prerequisite: 221 or 250 or consent of instructor.

1 unit — 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 — Tynan

EN397 American Literature: The 20th-Century, 1914-1950

Major works of Eliot, Stevens, Cather, Faulkner, Hemingway, Fitzgerald, Hurston, O'Neill and others.

Prerequisite: 221 or 250 or consent of instructor.

1 unit — Tynan

EN398 American Literature: Contemporary, 1950 to Present

Major works of such authors as Elizabeth Bishop, Robert Lowell, F. O'Connor, Pynchon, Delillo, Carver, Morrison, Mamet, and others. (Not offered 2015-16).

Prerequisite: 221 or 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 — Garcia, Richman

EN401 Independent Reading

Prerequisite: 221 or 250 & Jr/Sr English Major & consent of department.

1 unit — Evitt, Mason

EN480 Senior Seminar: Regular Track

Advanced study of a topic of literary significance. Required of all senior Regular Track English majors and of all senior Film Track English majors who are not making a film. Students taking this course for 1 unit must complete EN 499 as well. Students taking this course for 2 units complete their senior theses within the course.

Prerequisite: English 221 & 250 or consent of instructor.

1 or 2 units — Garcia, Mason

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

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

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 2015-16).

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, Cucher, Garcia, Hayward

Environmental Program

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

Associate Professors PERRAMOND, KUMMEL (Director); Assistant Professors MCKENDRY, 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.

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)

**EV-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 Neely (sneely@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

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.

* Note: Students under the old major track should follow these same requirements plus take Environmental Inquiry (EV221)

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)

* Note: Students under the old major track should follow these same requirements plus take Environmental Inquiry (EV221)

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.

Environmental Policy major (updated 4.20.15)
15 total units (13 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 (2 units)

EC150 Principles of Economics **or** EC151 Principles of Microeconomics and EC152 Principles of Macroeconomics **or** 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 Neely (sneely@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)

EV321 Environmental Management

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

Minor Requirements

EV Minor

New Environmental Issues Minor Requirements

Approved December 2013

Advisors - Burns, Hourdequin, Price-Smith

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 (revised course, pending COI/faculty approval)

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 2015-16).

.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 — Drossman, Kummel, McCormack

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 2015-16).

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 — Gottfried

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, Fricke, Gratz, Kummel

EV135 Meteorology

Basic physics principles introduced and used to study dynamic processes in the atmosphere: atmospheric energy flow, solar radiation, green house effect, large-scale circulation of the atmosphere, small scale processes including clouds and storms, weather forecasting, humanity's impact on weather and climate. Laboratory and field experiments and trips will be utilized.

1 unit — Taber

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 — Lee, Schild

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 2015-16).

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.

1 unit — Roberts

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 — 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 2015-16).

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).

Prerequisite: Environmental Program 128 and Mathematics 126.

1 unit — Barnes, Drossman

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, Whitten

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. (Not offered 2015-16).

1 unit

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 2015-16).

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.

Prerequisite: Mathematics 126 or 125 or 127 or HS equivalent (Calculus I).

1 unit — McDougall

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 — Cornelius, Kannan, Lee, McKendry

EV261 Topics in Environmental Humanities

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

1 unit — Hourdequin, Tynan

EV265 Foundations of Environmental Education

Environmental education is the process of learning about our interdependence with the natural world. Class discussions and analysis of the literature address the characteristics and goals of environmental education, the evolution of the field of environmental education, and fundamental aspects of cognitive and developmental theory as they relate to education. Teaching experiences in the outdoors and in classrooms allow for experiential reflection on these topics with a focus on understanding how environmental education is implemented

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 2015-16).

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 — Cornelius, Perramond

EV274 Environmental Politics and Policy

Considers environmental politics and policy in the United States from the early twentieth century through the present. Examines environmental policies at the federal level, their effectiveness and limitations in protecting the environment, and the major policy debates that have surrounded them. Investigates the role of other key actors in shaping environmental governance, including environmental organizations, industry, and state and local governments. (Not offered 2015-16).

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

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.

1 unit — Smith

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 — Allen, Hourdequin

EV293 Independent Research in Environmental Science

1 unit — Perramond

EV301 Political Ecology of the Southwest

Surveys the geographic, historic, and political diversity of Southwestern livelihoods and cultural strategies. Highlights the struggles and problem solving efforts of local-regional peoples in changing ecological and economic conditions. Uses political ecology as a framework and lens for understanding nature-society problems and solutions. Multi-day-off-campus field trip. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2015-16).

Prerequisite: consent of instructor.

1 unit

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 2015-16).

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. Meets the Critical Perspectives: Scientific Investigation of the Natural World 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 — Barnes

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 — Barnes

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 — Kannan, Lee, Perramond

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 2015-16).

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's 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 301; Economics 302; Environmental Science credit: Economics 141/EV 141 and Economics 201.

1 unit — Lee

EV348 Economics of the Environment

(Not offered 2015-16).

.5 unit

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 — Kannan

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

Prerequisite: Education 120 and Education 225.

1 unit — Drossman

EV393 Independent Research in Environmental Science

.5 unit

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 — Barnes, Drossman, Kummel, McKendry

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 — McKendry

EV422 Terrestrial Ecosystem Ecology

This course explores how the biosphere interacts with the atmosphere, the hydrosphere, and the lithosphere in natural and managed (agricultural) systems. The primary focus will be on 1) vegetation-climate interactions and 2) vegetation-soil interactions including the cycling of biologically important elements. Students will gain hands-on research experience using analytical techniques in the field and the laboratory. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

Prerequisite: (Environmental Program 209 or BY208), and (Environmental Program 211, or Chemistry 108 and Mathematics 126 and (Environmental Program 228 or Mathematics 117 or BY220)). Strongly recommended Geology 140 or Environmental Program 155.

1 unit — Kummel, Taber

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 — Drossman, 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.)

Prerequisite: Required for majors.

Kummel

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 2015-16).

Prerequisite: Environmental Program 322 or consent of instructor.

.25 to .5 units

EV493 Independent Research in Environmental Science

1 unit — Kannan, Kummel, Smith

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, Heschel

Feminist and Gender Studies

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

Associate Professor LOSTROH (Director); Assistant Professor LEWIS

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 majoring in feminist and gender studies must successfully complete a minimum of 12 units of feminist and gender studies courses.

- FG 110: Introduction to Feminist and Gender Studies
- FG 200: Feminist Thought
- Specialized theory course

- Discipline-based Research Methods
- FG 311: Critical Feminist Methodologies
- FG 404 Senior Project
- FG 405 Senior Seminar
- Five additional FG electives
- Students double-majoring may count a maximum of three courses toward both majors.

The 110 requirement may be waived if a student took an additional elective and subsequently enrolled in 200; that is, students need not go "backwards" to complete 110. The 200 requirement may be waived if another specialized theory courses is taken and if 110 is taken. That is, both 110 and 200 cannot be waived.

Feminist and gender studies majors are encouraged to study foreign languages and to select electives, both in feminist and gender studies and in other departments or programs, that examine race, ethnicity, and socioeconomic class.

Minor Requirements

A thematic minor in feminist and gender studies is also offered. Minors must complete six feminist and gender studies courses

- FG 110: Introduction to Feminist and Gender Studies
- FG 200: Feminist Thought
- FG 311: Critical Feminist Methodologies
- Three additional FG electives

Only one unit of any thematic minor may also be counted toward the student's major.

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 2015-16).

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 — Guessous

FG112 Gender Inequality

How sex roles shape our experiences. Sources and consequences of the differences between males and females. Biological processes, participation in the economy and the family. Possibilities for and

consequences of changing sex roles. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Munoz

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.

1 unit — Olive

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.

1 unit — Olive

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 2015-16).

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 2015-16).

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 2015-16).

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, Reaves

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 2015-16).

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 — Dantzler II, Ericson, Guessous, Kedhar

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.

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.

.5 unit — Lewis

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.

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. (Not offered 2015-16).

Prerequisite: consent of instructor & Taught in Germany.

1 unit

FG215 Ecofeminism

The interconnections between feminism and ecology. Ecofeminism explores the links between systems of domination such as sexism, racism, economic exploitation and the ecological crisis. We will assess criticism of ecofeminism and evaluate the potential of this philosophy for political practice. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Smith

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 2015-16).

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 2015-16).

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 2015-16).

1 unit

FG225 Empire and Power: Individual and Family in Ancient Rome

Focus on how conservative Roman republican ideals were reconciled in an increasingly Hellenized empire dominated by an imperial dynasty. Topics include the changing status of traditional gender types and established class systems, the role of rulers, women and freedmen in Tacitus, Juvenal, Martial, Suetonius, Seneca, Apuleius, Lucian, Plutarch, Aristides, Dio Chysostom and Claudian. Attention will also be given to representations of women and imperial families in art and statuary. (Not offered 2015-16).

1 unit

FG226 Topics in Feminist & Gender Studies: Gender and Politics

Examines the following questions: Are there politically relevant differences between the sexes, and if so, are they the product of nature and/or convention? What is/ought to be the relation between the political community and private attachments? How has liberalism answered these questions? How does consideration of gender challenge liberal theories such as contract, individual rights, and human nature? Readings in both political theory and in feminist literature. (Not offered 2015-16).

1 unit

FG228 Sexualities

Examines human sexualities, especially personal, social, political, and cultural concepts about sex and sexuality, from a feminist framework that is rooted in intersectionality—a perspective that considers how power, race, class, gender, sex, and ethnicity shape our experiences. Additionally, the course focuses on sex research, sex education, sex behaviors, economies of sex work, and mediated representations of sex, such as erotica, Kink, and pornography Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Kattari

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

Prerequisite: One 100 level SO course.

1 unit

FG235 Sociology of Family

An exploration of the social history of the American family from its extended kinship form through the development of the nuclear family ideal, to the more valid forms existing in contemporary society. Emphasis is placed on how gender and race structure relationships within the family as well as the family forms themselves. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Munoz

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.

1 unit — Hautzinger

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 2015-16).

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. (Not offered 2015-16).

1 unit

FG247 Women, Children and Men: Families in Historical Perspective

This course treats gender roles and family life throughout the European past, with comparative attention to families of other historical cultures and to relationships within non-human primate communities. It emphasizes the historical agency of women and children generally elided from traditional master narratives of Western Civilization, demonstrating how feminist and ethnohistorical approaches can reveal their experience. Course materials will include historiographical and anthropological literature as well as primary documents, literary works and visual sources. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Neel

FG248 Women, Children & Men: Families in Historical Perspective

This course treats gender roles and family life throughout the European past, with comparative attention to families of other historical cultures and to relationships within non-human primate communities. It emphasizes the historical agency of women and children generally elided from traditional master narratives of Western Civilization, demonstrating how feminist and ethnohistorical approaches can reveal their experience. Course materials will include historiographical and anthropological literature as well as primary documents, literary works and visual sources. 1 unit Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

Prerequisite: Religion 160 or 170 or consent of instructor.

1 unit

FG258 Contested Masculinities

This course draws on feminist theory, institutional analysis and sociohistorical study to consider masculinity's meanings and practices. Male power, male pain and group-based differences among men are examined. A specific topic (sports, war/the military, social change movements, individual violence, religion) is covered in depth to assess how men sustain, resist and recreate available forms of masculinity. Requirements include an original research project. Our goal is to understand masculinity's power in shaping society and our power to reshape masculinity. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

Prerequisite: Any 100 level SO course or consent of instructor.

1 unit

FG259 Lesbian, Gay, Bisexual, Transgender Literature

Introduces features of what might be called a lesbian, gay, bisexual, transgender, and/or queer literacy and theoretical tradition. Uses classical, Renaissance, modern postmodern, and contemporary literature, criticism, and film to examine the complicated status and experience of non-majority sexualities. Considers writers, theorists and activists who have explored the relationships among sexuality, knowledge, and literature, including Plato, Michel Foucault, Oscar Wilde, Shakespeare, Nella Larsen, Leslie Feinberg and Jeanette Winterson. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

1 unit

FG271 History of Sex: Traditions

The course analyzes sexual roles and sexual practices in the world before the concept of 'sexual identity' emerged in the late nineteenth century. It examines how different religious traditions, such as Judaism, Islam, Hinduism, Christianity, and Buddhism, viewed sex, and explores a wide variety of topics, including pornography, prostitution, and same-sex sexual behavior, throughout the pre-modern

world. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

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 2015-16).

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 2015-16).

1 unit

FG284 Feminist Philosophies

(Not offered 2015-16).

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.

1 unit — Olive

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 2015-16).

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

1 unit

FG304 Studies in European Social History:

(Not offered 2015-16).

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 — Coleman, Guessous

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 2015-16).

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 2015-16).

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 — Lostroh, Murphy-Geiss, 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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

1 unit

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

Prerequisite: Biology 208 and either 106 or 109; or consent of instructor.

1 unit

FG335 Independent Study:

Library or primary research or a combination thereof in an area of Women's Studies in which the student has a personal interest and the background to undertake the project. Must be arranged at least one block in advance.

Prerequisite: A Proposal & Arranged at least one block in advance.

1 unit

FG336 Independent Study:

Library or primary research or a combination thereof in an area of Women's Studies in which the student has a personal interest and the background to undertake the project. Must be arranged at least one block in advance.

Prerequisite: A Proposal & Arranged at least one block in advance.

1 unit

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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

FG353 History of Sex: Traditions

Analysis of sexual roles and sexual practices in the world before the concept of "sexual identity" emerged in the late nineteenth century. Examination of how different religious traditions such as Judaism, Islam, Hinduism, Christianity, and Buddhism have viewed sex, and exploration of a wide variety of topics including pornography, prostitution, and same-sex sexual behavior throughout the pre-modern world. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Ragan

FG357 Women in Hinduism & Buddhism

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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 — Lewis, Murphy-Geiss

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 — 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 2015-16).

Prerequisite: Any FG course or consent of instructor.

.5 unit

FG415 French Feminist Theory

(Not offered 2015-16).

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

1 unit

Film and Media Studies

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

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

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 SeminarFM401 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 — Krzych, Sarchett, Simons

FM102 Basic Filmmaking

1 unit — Haskell, Lowen, Nelson

FM103 Art and Society

1 unit — Giuffre

FM105 Creativity: Theory and Practice

1 unit — Giuffre, Hilberry

FM115 Fundamentals of Theatrical Design

(Not offered 2015-16).

1 unit

FM116 Computer Science I

(Not offered 2015-16).

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, Goodwin, Hughes, Jiang

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 — Krzych

FM202 Screenwriting

1 unit — Lowen

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 2015-16).

1 unit

FM205 Topics in Film and Media Studies:

Prerequisite: consent of instructor.

1 unit — Breslow, Lewis, Nikolskaya, Steckenbiller

FM206 Topics in Film and Media Studies

(Not offered 2015-16).

1 unit

FM208 Aesthetics

(Not offered 2015-16).

1 unit

FM210 Topics in Filmmaking:

1 unit

FM212 Writing for Performance

(Not offered 2015-16).

1 unit

FM214 Intermediate Performance Design

(Not offered 2015-16).

Prerequisite: Drama 110 or consent of instructor.

1 unit

FM215 Independent Work in Film and Media Studies

(Not offered 2015-16).

.5 to 1 unit

FM216 Video Dance

1 unit — Herminjard

FM217 Introduction to Journalism

(Not offered 2015-16).

1 unit

FM218 New Media, Ethics, and Journalism

(Not offered 2015-16).

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

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 2015-16).

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 2015-16).

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 — Butte

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.

1 unit — Krzych

FM304 Shakespeare's Tragedies on Fil

(Not offered 2015-16).

1 unit

FM305 Advanced Topics in Film and Media Studies:

1 unit

FM307 Queer Performance and Body Politics

(Not offered 2015-16).

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

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.

Prerequisite: Film and Media Studies 102.

1 unit — Sturman

FM313 Advanced Video Art

(Not offered 2015-16).

1 unit

FM315 Advanced Independent Work in Film and Media Studies

1 unit — Haskell

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 — Nelson

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 — Krzych, Nelson

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.

1 unit

French and Italian

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

Associate Professors: A. Tallent (chair), I. Wade, M. O'Riley; Visiting Assistant Professors A. Minervini and 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, Italian, and Arabic. 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-level

TOTAL: 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.

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

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.

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 Elementary Italian I

Introduction to Italian language and culture, with emphasis on the acquisition of basic oral and written proficiency in order to communicate effectively and accurately in everyday life situations.

1 unit — Minervini, Sponchiado

IT102 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: Italian 101.

1 unit — Sponchiado

IT103 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 101 or equivalent.

.25 unit — Venturelli

IT104 Review of Elementary Italian

Review of Elementary Italian. A lower-level maintenance class for students who plan to continue their study of Italian. Review of grammar with supervised oral practice

Prerequisite: Italian 101 or equivalent.

.25 unit — Venturelli

IT200 Italian Language

This course is intended for students on a CC study abroad program. Students will test and move into the appropriate level/course once they arrive at the host institution.

2 units

IT201 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: IT202 must also be taken in order to fulfill the language requirement for graduation or to continue into 300-level Italian courses.

Prerequisite: Italian 101 or equivalent.

1 unit — Sponchiado

IT202 Intermediate Italian II

This course is designed to build on the communication skills acquired in IT201. 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: Students must take IT201 prior to taking this course, and both units must be successfully completed in order to fulfill the language requirement for graduation or to continue into 300-level Italian courses.

Prerequisite: Italian 201.

1 unit — Minervini

IT203 Review of Intermediate Italian

Review of Intermediate Italian. A maintenance course for students who have taken Italian 201 and plan to continue their study of Italian. A systematic review of grammar with supervised conversation practice.

Prerequisite: Italian 201 or equivalent.

.25 unit — Venturelli

IT204 Review of Intermediate Italian

A maintenance course for students who have taken Italian 201 and plan to continue their study of Italian. A systematic review of grammar with supervised conversation practice

Prerequisite: Italian 201 or equivalent.

.25 unit — Venturelli

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 2015-16).

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 a 300-level course or have an advanced level of competence in Italian. Significant supervised conversation, reading and writing practice.

Prerequisite: Italian 201 or equivalent.

.25 unit — Venturelli

IT302 Review of Italian with Emphasis on Italian Civilization & Culture

A maintenance course for students who have taken a 300-level course or have an advanced level of competence in Italian. Significant supervised conversation, reading and writing practice

Prerequisite: It201 or equivalent.

.25 unit — Venturelli

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. (Not offered 2015-16).

Prerequisite: Italian 201 or equivalent.

1 unit

IT305 Cultural Context and Written Expression

Advanced composition and conversation practice through the study of Italian literary and cultural texts. Limited to 15 students.

Prerequisite: Italian 201 or equivalent.

1 unit — Minervini

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 2015-16).

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 2015-16).

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 2015-16).

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.

Prerequisite: in Italian.

1 unit — Minervini

IT321 Italian Critical Thought:

Explores the intellectual contributions of Italian thinkers to the analysis of societal transformations. Includes a variety of theoretical approaches and thematic, focuses such as: philosophy, Marxism, feminism, psychoanalysis, postcolonial studies, and the history of social movements. Taught in English with work in Italian for interested students.

1 unit — 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 2015-16).

Prerequisite: Required of all senior majors.

1 unit

IT432 Senior Thesis

Intensive writing and supervised revision of senior thesis with oral defense. (Not offered 2015-16).

Prerequisite: Italian 431.

1 unit

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, Wade

FR102 Elementary French II

This course is designed to build on skills acquired in FR101. In a simulated immersive environment enhanced with texts, audio-visual and internet resources, students will continue to develop competencies in listening, speaking, reading, and writing about self-generated information related to their daily lives and to life in different foreign cultural settings. Students will use language to complete simple tasks in specified Francophone as well as non-Francophone contexts

Prerequisite: French 101.

1 unit — Diop

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 — Cottreau

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 — Cottreau

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 2015-16).

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 101 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 101 or equivalent.

1 unit — Diop

FR202 Intermediate French II

Intermediate French II. This course is designed to build on the communication skills acquired in FR 201. In a simulated immersive environment enhanced with French/Francophone texts, films, and internet resources, students focus on developing reading, writing, speaking and listening skills as well as increasing their knowledge and understanding of French/Francophone cultures. Note: Students must take FR201 prior to taking this course, and both units must be successfully completed in order to fulfill the language requirement for graduation or to continue into 300-level French courses

Prerequisite: French 201.

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 — Cottreau

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 — Cottreau

FR208 Great Authors in Translation

For students who do not have time to develop the French skills necessary to take advanced literature courses, but still want to study and become familiar with well-known works from the French and Francophone literary tradition. Emphasis on historical and literary context, identifying major themes, and close readings of key passages. Authors may include: Moliere, Voltaire, Alexandre Dumas, Victor

Hugo, Emile Zola, Marguerite Duras, Ousmane Sembene, and Albert Camus. (Not offered 2015-16).

.5 unit

FR211 Intermediate French and Cultural Studies in Francophone Africa

The sub-Saharan African region, specifically the country of Senegal, offers a unique experience to students, from both linguistic and socio-cultural perspectives. The course for Summer Session 2006 will provide students with the unique opportunities to travel in Africa and study language (in this case intermediate French) and culture within the broader international content. It will be based primarily on perspectives on literature, history, geography, social anthropology, politics, ecology and arts and crafts as well as on a formal and total immersion in language learning. The course will be mostly an exploratory learning experience, which includes an introduction to contemporary Africa through historical perspectives: examining the diversity of African cultures and sub-cultures through their indigenous and inherited legacies, particularly the Francophone regions. The course will also investigate the geo-politics of the colonial legacies by analyzing 'the African' definition of the state within the concept of nationhood. Furthermore, the course will expose the participant students to the intricate nature of African cultures, largely through prevailing cultural norms such as notions of caste, class and governmental politics, of the local African religions and the arts, etc. In regards to the ecology, guided field trips will be organized to expose participants to the diverse and rich nature of the Senegalese savanna fauna and flora. (Not offered 2015-16).

2 units

FR290 Advanced Language Study

Intensive study and review of basic concepts of French grammar in context: sentence structure, syntax, and syntagma. Further development of overall linguistic skills, with the goal of improving writing and speaking skills. Materias include grammar-focused materials on French/Francophone cultures, literary texts, films, and the Internet.

Prerequisite: French 201 or equivalent.

1 unit — Wade

FR300 Orientation French Program (taught in France

Taught in France.

Prerequisite: Must be enrolled in French Semester.

.5 unit — Wade

FR301 Review of French with Emphasis on French/Francophone Civilizations and Cultures

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 201 or equivalent.

.25 unit — Cottreau

FR302 Review of French with Emphasis on French/Francophone Civilizations and Cultures

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 201 or equivalent.

.25 unit — Cottreau

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: 201 or equivalent.

1 unit — O'Riley

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. Limited to 15 students.

Prerequisite: French 201 or equivalent.

1 unit — O'Riley, Tallent

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 — Tallent

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. (Not offered 2015-16).

Prerequisite: 305 or equivalent.

1 unit

FR309 Translation Practice French/English/French

Introduction to theories of translation and a focus on techniques of translating technical, commercial, scientific, and literary texts from English into French and vice versa. Seeks to increase students' international communication skills while building up their cultural competence in French and Francophone worlds. (Not offered 2015-16).

Prerequisite: French 290, French 305, or equivalent.

1 unit

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. (Not offered 2015-16).

1 unit

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 — 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 — 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 2015-16).

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 — O'Riley, Wade

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 — O'Riley, Wade

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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

1 unit

FR409 Independent Reading:

Senior majors only.

1 unit — Tallent

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 — Tallent

FR432 Senior Thesis

Intensive writing and supervised revision of senior thesis with oral defense

Prerequisite: French 431.

1 unit — Tallent

Geology

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

Professors LEONARD, MYROW, NOBLETT(Chair), C. SIDDOWAY; Associate Professor FRICKE; Associate Professor M.L. ANDERSON; Visiting Assistant Professor P. SPECTOR

Major Requirements

GEOLOGY COURSES — All majors must pass courses listed in categories A through E 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

OR

GY210 Fundamental Geological Methods and Rocky Mountain Evolution

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).

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**SUPPORTING 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

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 & computer science, chemistry, physics and biology, to take GY 400 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.

In general, no more than two courses taken off-campus may substitute for classes taught at Colorado College and thus satisfy requirements of the geology major. In order for substitutions to take place, students must submit a written request to the chair of the department for consideration by the full department.

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.

1 unit — Anderson

GY115 Oceanography

Basic principles of physical and chemical oceanography. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2015-16).

1 unit

GY130 Introductory Geology

The materials of the earth, earth processes and interrelationships between these domains. History of the earth, with emphasis on how geologists accomplish their historical inquiries. (Meets the laboratory/field requirement for natural sciences.) Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. (Not offered 2015-16).

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 — Anderson, Fricke, Myrow, Noblett

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.

1 unit — Siddoway

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 2015-16).

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 — Anderson

GY230 Volcanology

Volcanic types, processes and products. Volcanic hazards and prediction. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. (Not offered 2015-16).

Prerequisite: consent of instructor or Geology 210 or Geology 211.

1 unit

GY240 Plate Tectonics

History of Plate Tectonics and its formulation, paleomagnetic record of ocean crust, geodynamics and tectonic theory, active tectonics, current frontiers. (Not offered 2015-16).

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

1 unit

GY250 Studies in Geology:

Geological topics, such as Advanced Environmental Geology, Hydrology, Mineral Resources Problems and Policies, and Colorado Alpine Environments, offered in different years. (May meet the laboratory/field requirement for natural sciences.)

Prerequisite: Geology 130 or 140.

1 unit — Reed, Siddoway, Spector

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 2015-16).

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 — Anderson

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 2015-16).

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, 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 2015-16).

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 — Spector

GY321 Glacial Geology

An introduction to glaciology and glacial geomorphology. Course also examines the nature, history, and causes of Quaternary glaciation. (Not offered 2015-16).

Prerequisite: Geology 260 or 320 or consent of instructor.

1 unit

GY335 Geochemistry of the Rock Cycle

Atomic-scale to lithospheric-scale investigation of geologic processes that occur as a result of chemical reactions, and the evidence of these reactions in the rock record. Includes study of chemical behavior of common and rare elements in the earth, and of isotopes of these elements. Theoretical concepts are reinforced by collection and analysis of geochemical data by students, critical reading of journal articles, and by scientific writing summary papers and research proposals.

Prerequisite: Geology 210 or Geology 211 and Chemistry 107.

1 unit — Fricke

GY370 Adv Studies in Geology:

Advanced geological topics. These courses are aimed at students with considerable background in geology and will generally involve critical reading of current literature. Topics will vary year-to-year.

Prerequisite: depending on topic.

1 unit — Anderson, Spector

GY400 Senior Seminar in Geology:

Thematic capstone seminar designed to integrate aspects of several geologic disciplines. Emphasis will be placed on current topics in the geological literature, including their historical and philosophical contexts. Topics will vary year-to-year. Senior standing in geology is required. Class size limit is 15 students.

Prerequisite: Senior Geology Major.

1 unit — Fricke

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 — Anderson, Fricke, 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 — Leonard, Myrow

German, Russian, and East Asian Languages

German, Russian, and East Asian Languages Website (<http://www.coloradocollege.edu/academics/dept/greal/>)

Professors ERICSON, JIANG; Associate Professor DAVIS, PAVLENKO (Chair); Assistant Professor STECKENBILLER; Lecturer ZHANG; Visiting Assistant Professor LIM; Visiting Lecturer ONISHI.

Major Requirements

German

A student majoring in German may choose one of three options: a.) the German language and literature track requires nine units above GR202, the intermediate level, including GR305, 315, and 316, and six additional 300-level courses (though GR210, 211, 220, or 229 may also be substituted for one of those six courses); b.) the German combination track allows students to combine their study of German with another discipline such as economics, music, history, philosophy, etc.; c.) the German studies track is an interdisciplinary major under the liberal arts and sciences program. Those students wishing to qualify for graduation “with distinction” will, after consultation with the German faculty, additionally be required to write a senior thesis. For details of requirements for the three German major options, see the German Department.

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 spring semester at the University of Lüneburg, Germany, is open to all students who have completed 102 or the equivalent. A student may also minor in German (details below); for students who participate in the Lüneburg semester, two additional 300-level German courses after their return will fulfill the requirements for the German minor. In addition, a German studies thematic minor is available. (See Catalog section on Thematic Minors for details.)

Minor Requirements

German

THE MINOR (6 UNITS BEYOND 102):

- a. The prerequisite for admission to the minor is 102 (1 unit) or the equivalent;
- b. Students must complete a minimum of six courses, including the following: 201, 202, 305 and three 300-level courses, for a total of 6 units;

- c. Students may count up to two units of German AP credit (i.e., the equivalent of 201 or 202) toward the minor. Students who initially place at the 300 level as a result of previous experience with German, must complete four CC German courses at the 300 level. College transfer credit will be accepted, but at least three German courses at the 300 level must be completed at Colorado College.

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.

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

Chinese Language

CN101 Elementary Chinese

Introduction to Mandarin Chinese; emphasis on basic grammar, speaking, and listening comprehension, as well as mastery of some 500 characters for reading and writing. Language laboratory required.

1 or 2 units — Jiang

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

CN201 Intermediate Chinese I

Emphasis on continued development of speaking and listening skills and the use of basic structures through reading, writing and films with a view to building proficiency in using the language.

Prerequisite: Chinese Language 101.

1 unit — Jiang, 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 — Jiang, 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 2015-16).

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 2015-16).

1 unit

CN250 Topics:

.25 or 1 unit — Jiang, Tu

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 — Jiang, 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 — Jiang, Zhang

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 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 2015-16).

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

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.

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 — Ericson

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 — Ericson

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 2015-16).

1 unit

JA250 Topics in Japanese Studies

1 unit — Ericson

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

Prerequisite: Japanese 302 or consent of instructor.

1 unit

German

GR101 Elementary German (I)

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

1 unit — Davis, Lim, Minervini, 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 — Lim, Steckenbiller

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 — 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.

1 unit — Ben-Amots, Grace, Minervini

GR200 German Language

(Not offered 2015-16).

1 to 2 units

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 — Davis, Richardson

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 — Lim

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 — Lim

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 2015-16).

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.

1 unit — Steckenbiller

GR220 Topics in German Literature and Culture:

Prerequisite: taught in English.

1 unit — Steckenbiller

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 2015-16).

1 unit

GR305 German Composition and Conversation

Extensive speaking and writing practice based on the reading of German cultural materials. (Taught in Luneburg.)

Prerequisite: 202 or equivalent.

1 unit — 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 — Davis

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 unit — Lim

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 2015-16).

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 2015-16).

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 2015-16).

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

1 unit

GR320 Topics in German Literature and Culture

Studies of a selected topic in the literature and culture of the German speaking countries. The course will cover topics not listed in the regular curriculum and may vary from year to year. Taught in German. Prerequisite: 305 or equivalent. 1 unit - Department

Prerequisite: 305 or equivalent.

1 unit — Steckenbiller

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 2015-16).

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. (Not offered 2015-16).

Prerequisite: 305 or equivalent.

1 unit

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 — Lim

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 2015-16).

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 2015-16).

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. (Not offered 2015-16).

Prerequisite: German 305 or equivalent.

1 unit

GR416 Senior Thesis

Required only of those students wishing to qualify for graduation 'with distinction.' An independent research project dealing with an aspect of German life and letters chosen by the student with the approval of the department.

Prerequisite: Completion of requirements for major, arranged any block & consent of instructor.

1 unit

Russian

RU101 Elementary Russian

Introduction to Russian life and culture through the study of language. This course focuses on the development of functional socio-cultural competence in listening, speaking, reading and writing. No prerequisite.

1 unit — Khan, Nikolskaya, Pavlenko

RU102 Elementary Russian

(Not offered 2015-16).

1 unit

RU103 Elementary Russian Skill Maintenance

Review and maintenance of existing skills through readings and conversation until the student is able to progress to Russian 201.

Prerequisite: Russian 101.

.25 unit — Pletneva

RU104 Elementary Russian Skill Maintenance

Review and maintenance of existing skills through readings and conversation until the student is able to progress to Russian 201.

Prerequisite: Russian 101.

.25 unit — Pletneva

RU201 Intermediate Russian I: Language through Film I

Focus on development of four communicative skills (speaking, aural comprehension, reading comprehension, writing) through interactive activities and integrated use of popular Russian films. (Meets the Critical Perspectives: Diverse Cultures and Critiques requirement.) (This course is also offered during the CC program in Russia.) Meets the Critical Perspectives: Global Cultures requirement.

Prerequisite: Russian 101 or consent of instructor.

1 unit — Nikolskaya

RU202 Intermediate Russian II: Language through Film

Emphasis on active control of basic grammatical structures, readings, short essays, and discussions based on popular Russian films. (Meets the Critical Perspectives: Diverse Cultures and Critiques requirement.) (This course is also offered during the CC program in Russia.) Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2015-16).

Prerequisite: Russian 201 or consent of instructor.

1 unit

RU205 Intermediate Russian Skill Maintenance

For students between 201 and 202 or 305.

Prerequisite: Russian 201.

.25 unit — Pletneva

RU206 Intermediate Russian Skill Maintenance

For students between 201 and 202 or 305.

Prerequisite: Russian 201.

.25 unit — Pletneva

RU255 Survey of Russian Literature I

Survey of selected texts representing the periods of Russian literary tradition preceding the Age of the Novel: from the ecclesiastic texts of the Kievan era, through the baroque (first biographies, rise of the secular tale), the Russian Enlightenment (emergence of satire), to Russian Romanticism and the beginning of Realism (Pushkin, Lermontov, and Gogol).(Taught in English). Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Pavlenko

RU256 Survey of Russian Literature II

This sequel to RU255 focuses on Realism, Modernism, Socialist Realism, and Postmodernism in Russian literature; it serves as an introduction to Russian major writers from the second half of the 19th century to the present: Dostoevsky, Tolstoy, Chekhov, Solzhenitsyn, Tolstaya and others. (Taught in English.) Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2015-16).

1 unit

RU305 Advanced Russian Language I

Intensive practice in oral self-expression and comprehension based on literary and audio-visual sources of modern standard Russian. (Taught in Russia.) (Not offered 2015-16).

Prerequisite: Russian 202.

1 unit

RU306 Advanced Russian Language II

Continued work toward proficiency in spoken and written modern standard Russian. (Taught in Russia.) (Not offered 2015-16).

Prerequisite: Russian 305.

1 unit

RU307 Advanced Russian Skill Maintenance

Review and maintenance of the existing skills in conversation, listening comprehension, reading, and writing.

Prerequisite: Russian 305 or consent of instructor.

.25 unit — Pletneva

RU308 Advanced Russian Skill Maintenance

Review and maintenance of the existing skills in conversation, listening comprehension, reading, and writing.

Prerequisite: Russian 305 or consent of instructor.

.25 unit — Pletneva

RU311 Independent Study:

For students wishing to read literature not covered by courses they have taken or to bridge scheduling difficulties.

Prerequisite: Russian 306 & consent of instructor.

1 unit — Pavlenko

RU312 Independent Study:

For students wishing to read literature or to enhance their individual skills in Russian. (May be taken as one block or half-block or as an extended format course for one semester each, i. e., 311, 312.)

Prerequisite: consent of instructor & Russian 306.

.5 to 1 unit

RU350 Tolstoy in Translation

Readings of selected fictional and nonfictional works. Close analysis of texts and study of Russian and European background of Tolstoy's works. (Taught in English.) (Not offered 2015-16).

.5 to 1 unit

RU351 Dostoevsky in Translation

Readings in the various forms of psychological narrative explored by Dostoevsky with emphasis on close study of his major works in their Russian and European contexts. (Taught in English.) No prerequisite.

1 unit — Pavlenko

History

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

Professors ASHLEY, BLASENHEIM, MONROY (Chair), NEEL, RAGAN, ROMMEL-RUIZ, SHOWALTER; Associate Professors MURPHY, WILLIAMS; Assistant Professors MEHTA, RATCHFORD

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 important for 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

Course of Study:

- Introductory Course: 1 two-block course at the 100-level.
 - Minimum of 6 elective units at the 200- or 300-levels. Within these 6 units, students must satisfy the following departmental requirements:
 - Time Distribution (two courses): At least one course addressing a period up through the 18th century and one course addressing a period from the 18th century forward. (Note: may also count toward geographic distribution.)
 - Geographic Distribution (three courses): At least one course in each of the three regions: Europe, United States, and World (Africa, East and South Asia, Latin America, Middle East). (Note: may also count toward period distribution.)
 - Junior Seminar: Studying History (HY399).
 - Senior Sequence: (HY410) Advanced Seminar and (HY420) Senior Essay (two courses 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 (HY410, HY430, and HY431). 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.
- The department strongly recommends foreign language competence beyond the intermediate level.

[Check out our PDF worksheet](#) to help you track your progress through the major.

Minor Requirements

Students take five or six units in the department, including:

- One 100-level course
- Three 200-level or 300-level courses, including one each from three regions: Europe, the United States, Africa, East Asia, South Asia, Latin America, Middle East.
- 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. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. Meets the Critical Perspectives: The West in Time requirement.

2 units — Ashley, Murphy

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 — Rommel-Ruiz

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 2015-16).

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 — Blasenheim, Mehta, Neel, Rommel-Ruiz

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. Meets the Critical Perspectives: Global Cultures requirement. Meets the Critical Perspectives: The West in Time requirement. (Not offered 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

1 to 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, Blasenheim, Lee, Mehta

HY205 US History to 1860

Broad approach to the history of American traditions and institutions from Anglo-American settlement to the outbreak of the Civil War, addressing Native American-Anglo American encounters; colonization and development of Anglo-American culture and society; African Slave Trade and the Plantation Economy; American Revolution; Jeffersonian Ideology and Westward Expansion; Jacksonian Democracy and the Industrial Revolution; the Politics of Slavery and Secession. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Rommel-Ruiz

HY206 US History since 1860

Broad approach to the history of the United States since the Civil War, focusing on multiple meanings of American freedom and the rise of the modern United States as a global power, including attention to Emancipation and Reconstruction; Industrialization, Migration, and Immigration; Civil Rights Movements and Protest Politics; the Great Depression, New Deal and WWII; American Foreign

Policy and the Cold War; the Great Society, Vietnam, and the Challenge to the New Deal Order. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Monroy

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

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.

1 unit — Cornelius

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 2015-16).

1 unit

HY212 American Environmental History

A survey of American history from the perspective of the environment, beginning with the biological and cultural invasion of the New World in 1492 and ending with current environmental problems and their historical roots. Topics include Native American vs. Euro-American views of nature, the impact of changing economic systems on the environment, and the impact of the landscape on various American cultures.

1 unit — Cornelius, Perramond

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 2015-16).

Prerequisite: Completion of CP:W required.

1 unit

HY216 Roman History I: The Ancient 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 — Cramer

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 2015-16).

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 2015-16).

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.

1 unit — Showalter

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. (Not offered 2015-16).

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 2015-16).

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 2015-16).

1 unit

HY227 Roman History II: The Rise of the Ancient Roman Empire

Following a brief survey of prior Roman history, the course will examine the development of the Roman state in the late first century under the emperor Augustus. The course will proceed to consider the Empire's evolution and management under subsequent Julio-Claudian, 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. (Also listed as Classics 226.) (Not offered 2015-16).

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 2015-16).

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 Yearsâ War through the Revolution and Confederation to the adoption of the U. S. Constitution. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

1 unit

HY230 The Early Republic, 1789-1848

Initial development of the United States under the Constitution through the Virginia dynasty and Jacksonian democracy. Party formation; conflicts in political economy; diplomacy; expansion; social and cultural growth. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

2 units

HY231 Civil War and Reconstruction, 1845-1877

The causes, strategies, and impact of the Civil War on the United States. Slavery, sectional controversy, political crises; civilian and military life during the war; the successes and failures of Reconstruction; the problems of race. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

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 2015-16).

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 2015-16).

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. (Not offered 2015-16).

1 unit

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. (Not offered 2015-16).

1 unit

HY239 History of Mexico

The Aztec and other Indian peoples' influence in Mexican history and thought; Spanish colonial legacy; Enlightenment, Liberal, and Conservative political philosophies; Mexico's relationship to the United States; roles of the Church and of violence from European encounter through Revolution (1910-1921) and into Mexico's current precarious social and political situation. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2015-16).

1 unit

HY240 Foundations of American Constitutionalism and Diplomacy to 1865

Emphasizes the intellectual precursors and historical development of the federal union of 1787 and of early American foreign policy. Considers America before the Civil War as a system of states and explores through debates over the American union and early foreign policy a range of theoretical issues in international relations. (Not offered 2015-16).

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 2015-16).

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. Meets the Critical Perspectives: Global Cultures requirement. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

1 unit

HY249 Women, Children & Men: Families in Historical Perspective

This course treats gender roles and family life throughout the European past, with comparative attention to families of other historical cultures and to relationships within non-human primate communities. It emphasizes the historical agency of women and children generally elided from traditional master narratives of Western Civilization, demonstrating how feminist and ethnohistorical approaches can reveal their experience. Course materials will include historiographical and anthropological literature as well as primary documents, literary works and visual sources. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Neel

HY252 Magic, Science, and Religion in the Mediterranean

How have science and religion come to be seen as such different enterprises? What role has the charge of 'magic' played in setting boundaries between communities as they sought to understand both the workings of the natural world and spiritual revelation? This course examines the intertwined histories of what we now call magic, science, and religion, through Babylonian, Hebrew, Greek, Arabic, and Latin sources, from the ancient through the early modern periods. (Not offered 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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. Meets the Critical Perspectives: Global Cultures requirement. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Monroy

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 2015-16).

1 unit

HY270 The New South: Modernity,

(Not offered 2015-16).

1 unit

HY274 Making Europe: Medieval

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 Europes.

1 unit — Neel

HY275 The Renaissance and the Reformation: Crisis and Dissent

Scientific, religious and artistic achievements of the 14th, 15th and 16th centuries.

1 unit — Ashley

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 2015-16).

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 2015-16).

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.

1 unit — Showalter

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 2015-16).

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. (Not offered 2015-16).

1 unit

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 2015-16).

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.

1 unit — Showalter

HY290 World War II and Its Aftermath in Europe, 1939-2000

World War II and Its Aftermath in Europe, 1939-2000. The outbreak, course, and the effects of the War, including the advent of Communism in eastern Europe, European integration, and the 'economic miracle' in western Europe. The emergence of consumer society, the spread of popular culture, and the development of mass education. Attention to the challenges of decolonization and immigration Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

1 unit

HY302 The Invention of History

Herodotus, sometimes called the 'father of lies,' and Thucydides, sometimes called the first political

scientist, treated as the first historians. Study of the ways of conceiving history and its relation to the peoples and periods explored. No Greek or Latin required.

1 unit — 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 2015-16).

.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 — Mehta, Williams

HY307 History of Sex: Traditions

Analysis of sexual roles and sexual practices in the world before the concept of "sexual identity" emerged in the late nineteenth century. Examination of how different religious traditions such as Judaism, Islam, Hinduism, Christianity, and Buddhism have viewed sex, and exploration of a wide variety of topics including pornography, prostitution, and same-sex sexual behavior throughout the pre-modern world. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Ragan

HY308 History of Sex: Modernity

After examination of the birth of "sexuality" in late nineteenth-century Europe, exploration of the acceptance of and resistance to this new conceptual model throughout the world. Attention to heterosexuality and homosexuality, intersexuality, and "perversion," concluding with analysis of the contemporary cultural wars over sexuality in Africa, Asia, Europe, and South America. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

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.

1 unit — Neel

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 2015-16).

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 2015-16).

1 unit

HY330 Colloquium in History and Politics

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 — Gould, Monroy

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 avantgarde, futurism, and existentialism. (Not offered 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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 — Monroy, Murphy, 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 2015-16).

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 — Neel, Ragan

HY420 Senior Essay

Independent, primary source research. Particular content and emphasis of the paper to be determined in consultation with supervising professor. To be taken in the block immediately following HY 410.

Prerequisite: History 399 and 410 consent of instructor, senior standing.

1 unit — Neel, Ragan

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 — Coggins

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

HY431 Senior Thesis

Directed reading and preparation of a thesis.

Prerequisite: 399, consent of instructor, senior standing.

1 unit

History-Philosophy

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

Professors ASHLEY, HOURDEQUIN, J. LEE, McENNERNEY, NEEL, RAGAN, WILLIAMS

Major Requirements

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).

The major requires up to 16 units, distributed as follows:

- a. Introductory Coursework (four blocks):
 - Any 100-level history survey; AND
 - PH201 History of Modern Philosophy.

- b. Four electives in the concentration of an area, period, or issue (four blocks):
 - 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.
- c. Two methods courses (two blocks):
 - HY399 Junior Seminar: Studying History; AND
 - Either PH301 20th Century Analytic Philosophy; OR PH302 20th Century Continental Philosophy;
OR PH452 Junior Seminar.
- d. Senior Thesis (two blocks):
 - HY425 History–Philosophy Thesis; AND
 - PH425 History–Philosophy Thesis.
 - The thesis is due by the last day of Block 6 in the senior year.
- e. Foreign Language (four blocks):
 - 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

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 History Department'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 Political Science Department 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

[Human Biology and Kinesiology Website \(http://www.coloradocollege.edu/academics/dept/humanbiologykinesiology/\)](http://www.coloradocollege.edu/academics/dept/humanbiologykinesiology/)

Chair JACOBS (Professor, Psychology); Associate Professor BULL; Visiting Lecturer MISKA

The Department of Human Biology and Kinesiology is committed to academic excellence in the classroom and laboratory to increase students' knowledge of the structure and function of the human body and to fulfill prerequisite requirements for students interested in pursuing graduate work in the various fields of kinesiology (the study of human movement) and allied health fields.

We provide hands-on, applied laboratory and research opportunities for those students who wish to increase their exposure to and understanding of the science of human movement studies, such as human anatomy, human physiology, exercise physiology, and human nutrition.

We strive for integration with the Natural Sciences Division faculty to improve the opportunities for students who wish to continue their studies in fields such as kinesiology, exercise physiology, human anatomy, physical therapy, medicine, and other allied health fields.

Minor Requirements

HK125 – Introduction to Human Nutrition

HK204 – Introduction to Human Anatomy

HK206 – Exercise Physiology

HK321 – Human Physiology

One Advanced course (HK304 – Advanced Human Anatomy OR HK306 – Advanced Exercise Physiology)

Courses

Human Biology and Kinesiology

HK100 Human Biology and Kinesiology Activity Class

(Not offered 2015-16).

.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 2015-16).

.25 to .5 units

HK113 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 Vericella (Chicken Pox) vaccination/exposure; Proof of Hep-stat (Hepatitis B) series. Class limit 24.

.5 unit — Hammes

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 2015-16).

.5 unit

HK120 Topics in Human Biology and Kinesiology

Courses under this rubric will vary year to year. (Not offered 2015-16).

.5 or 1 unit

HK125 Introduction to Human Nutrition

Emphasis on the digestion process of macronutrients (carbohydrate, protein, fat), consumer concerns about food and water safety, and the importance of macronutrients as well as micronutrients (vitamins, minerals) in maintaining normal healthy biological function of the human organism. (No lab/field credit.) Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

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 2015-16).

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: EITHER 1 Biology Unit (Biology 101, 105, 106, 107) or Sport Science 206 or Psychology 297, and Chemistry 107, or consent of instructor. Sophomore standing or higher.

1 unit — Miska

HK206 Exercise Physiology

A physiological analysis of exercise and sport as it relates to the total fitness level of the participant. The characteristics of skeletal muscle and how it functions, the energy sources for muscular contraction, the circulatory and respiratory systems and their adaptations to exercise, and principles of training for the muscular and cardiorespiratory systems will be investigated. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement.

Prerequisite: HS Biology.

1 unit — Bull

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 2015-16).

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

Examines current topics in the broad area of sport science and exercise physiology, including laboratory experiences and visits to laboratories active in sport science research. Offered on campus and in foreign countries. When offered internationally Colorado College students and foreign students will comprise the class, and a portion of the class will be taught by foreign professors. Extra expense when taught internationally. (Not offered 2015-16).

1 unit

HK300 Investigations in Human Biology and Kinesiology

Independent research projects based on library or laboratory investigation.

Prerequisite: consent of instructor & May be arranged any block.

1 unit — Bull

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 2015-16).

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 2015-16).

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

HK306 Advanced Exercise Physiology

Consists of performing human laboratory investigations in an area of exercise physiology, such as ergogenic aids, caloric cost, anaerobic threshold, body composition or oxygen consumption and reporting the results of the investigation in the format of a scientific journal article. Also reading review articles and participation in discussions on selected topics in sports science. (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.

Prerequisite: consent of instructor or Human Biology and Kinesiology 206.

1 unit — Bull

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 — Miska

International Political Economy

Advisers; Professors HENDRICKSON (Political Science), KAPURIA-FOREMAN (Economics); Associate Professors GOULD (Political Science), LYBECKER (Economics); Assistant Professor 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	1 unit
PS209 Introduction to International Relations OR PS225 Conduct of American Foreign Policy (Either PS209 or PS225 can be counted toward the IPE major, BUT NOT BOTH)	1 unit
Remaining units must come from the Comparative Politics and International Relations subfields, including at least one unit from each . Students may take a maximum of one pre-approved elective from outside the political science department. The Colorado College catalog lists Political Science courses by subfield.	3 units

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 I (note that MA125 or 126 Calculus 1 is a prerequisite for EC201)	1 unit
EC301 Microeconomic Theory II	1 unit
EC302 Macroeconomic Theory II	1 unit
EC347 Economics of International Trade OR EC377 Economics of International Finance	1 unit
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, 471-490, 493) with prior approval from the Economics and Business Department Chair that they qualify as international economics electives.	1 unit

C. Mathematics Courses (2 units)

MA117 or 217 or BY220	Probability and Statistics OR Probability and Statistical Modeling OR Biostatistics and Experimental Design	1 unit
MA125 or 126	Pre-Calculus, Calc 1 /Calculus 1	1 unit

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	1 unit
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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 Political Science Department (as a one-block tutorial or a two-block thesis) or in the Economics Department (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 Political Science Department, students may satisfy this requirement through a Tutorial in International	1 unit
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	Relations (PS 410) or a Tutorial in Comparative Politics (PS 412);	
2.	Seminar in International Political Economy (EC470), supervised by Economics and Business Department faculty;	1 unit
3.	Political Science Thesis (PS450), with prerequisites of a high GPA and approval by the Political Science Department;	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 Economics and Business Department Chair.	2 units

Whatever the choice of research experience, students must present their projects to their peers and discuss the research of fellow majors.

Distinction in International Political Economy may be awarded to students whose GPAs within the major put them in the upper 20 percent and who have also completed and received a grade of A in their Capstone Research Experience. Faculty in both departments must approve the award of distinction to students who meet these qualifications.

Advisers for the International Political Economy Major:

Professor Vibha Kapuria-Foreman

Professor David Hendrickson

Economics (Campus extension 6419)

Political Science (Campus extension 6585)

Professor Kristina Lybecker

Professor John Gould

Economics (Campus extension 6445)

Political Science (Campus extension 6589)

Professor Corina McKendry

Political Science (Campus extension 6788)

Mathematical Economics

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

Advisers: Professor TINSLEY (Math), FENN (Economics); Associate Professor DE ARAUJO (Economics), TAYLOR (Math)

Students majoring in Mathematical-Economics must successfully complete no fewer than 15 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, calculus, linear algebra, and/or differential equations. Contingent on individual course prerequisites, majors may then directly fulfill the elective requirement which undertakes a more advanced treatment of mathematical economics, or complete a sequence of courses that provide exposure to the statistical modeling of data. 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 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 nine units of required courses, four units of electives, and two units of senior thesis for a total of 15 units in the major.

A. Required Courses (9 units total)

Math (5 Units)

MA 126	Calculus 1 or equivalent as approved by Math Department	1 unit
MA 129	Calculus 2 or equivalent as approved by Math Department	1 unit
MA 217	Probability and Statistical Modeling	1 unit
MA 220	Linear Algebra	1 unit
MA 315	Ordinary Differential Equations	<u>1 unit</u>
		5 units

Please note that Calculus 2 (MA 129) is a prerequisite for Linear Algebra (MA 220) and Linear Algebra (MA 220) is a prerequisite for Differential Equations (MA 315).

Economics (4 Units)

MA 126	Calculus 1 or equivalent as approved by Math Department	1 unit
MA 129	Calculus 2 or equivalent as approved by Math Department	1 unit
MA 217	Probability and Statistical Modeling	1 unit
MA 220	Linear Algebra	1 unit
MA 315	Ordinary Differential Equations	<u>1 unit</u>
		5 units

B. Electives (4 units total)

1. Economics elective

At least one elective from the following list, or other as approved in advance by the Economics and Business Department chair.

EC317	Investments	1 unit
EC343	Environmental Economics II	
EC344	Industrial Organization	
EC346	Economics of Labor	
EC347	Economics of International Trade	
EC371	Money, Banking, and Financial Markets	
EC372	Economic Development	
EC377	Economics of International Finance	

2. Mathematics elective

At least one elective from the following list, or other as approved in advance by the Mathematics Department chair.

MA313	Probability	1 unit
MA316	Partial Differential Equations	
MA318	Numerical Analysis	
MA325	Graph Theory	
MA340	Topics in Mathematics: Mathematical Modeling	
MA375	Mathematical Analysis	
MA410	Complex Analysis	
MA417	Mathematical Statistics	

3. Mathematical Economics elective

At least one elective from the following list, or other as approved in advance by the Economics Department chair.

EC404	Advanced Topics in Mathematical Economics	1 unit
EC305	Mathematical Economics of Addiction	
EC406	Mathematical Economics of Game Theory	
EC407	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.	1 unit
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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% of graduating majors based on their GPA within the major with the provision that they have also received an A in Senior Thesis.

Mathematics

Mathematics Website (<http://www.coloradocollege.edu/academics/dept/mathematics/>)

Professors M. ANDERSON, JANKE, M. SIDDOWAY (associate dean), TINSLEY; Associate Professors BROWN (chair), ERICKSON (associate chair), McDOUGALL, A. TAYLOR (on leave); Assistant Professors BRUDER, WHITEHEAD, YLVISAKER; Visiting Assistant Professors 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):
 - [MA322](#) - Abstract Algebra 2
 - [MA376](#) - Mathematical Analysis 2
 - [MA417](#) - Mathematical Statistics
 - OR both [MA316](#) and [MA318](#) - 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 [Minor 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 1st 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, MA316, MA311, or MA318)
 - Including the MA311 option would constitute a mathematical physics minor.
- Analysis Variations: MA204, MA220, MA251, MA375, and (MA315, MA376, 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 MA322
- Pure: MA204, MA220, MA251, MA300, and (MA321 or MA375)
- Mathematical Biology: MA204, MA256, MA220, MA315, and (MA313 or MA316)
- 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.

Prerequisite: Not recommended for Math majors.

.5 or 1 unit — Erickson, Penn

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, Glen, James, Tinsley

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 — Gilliam

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 — Penn

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, Erickson

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 2015-16).

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, Aranda Pino, Brown, Bruder

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 2015-16).

2 units

MA155 Independent Study:

Prerequisite: consent of instructor.

.5 to 1 unit

MA161 Mathematics in a Cultural Context

(Not offered 2015-16).

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 2015-16).

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 — James

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 2015-16).

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 2015-16).

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 — McDougall, Moran, Penn

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, James, 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.

Prerequisite: Mathematics 126 or 125 or 127 or HS equivalent (Calculus I).

1 unit — McDougall

MA220 Linear Algebra

Matrix algebra and Gaussian elimination. The geometry of vectors in \mathbb{R}^2 , \mathbb{R}^3 and \mathbb{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 203 or 2 credits of college level calculus with consent of instructor.

1 unit — Anderson, Moran

MA227 Mathematical Software:

An introduction to one of the major mathematical software packages such as Mathematica or Matlab. Investigation of symbolic computation, numerical algorithms, and graphics as used in these programs. Students may take the course more than once to learn additional software packages, but they may take it a maximum of two times for credit. (May be taught either in the extended format or as a half-block.) (Not offered 2015-16).

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 — Penn

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.

Prerequisite: Mathematics 126-Calculus I May be taken for credit twice.

.5 unit — Brown

MA240 Topics in Mathematics

Special topics in mathematics not offered on a regular basis.

1 unit — Van Brummelen

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 203 or (Mathematics 128 and Computer Science 222) or 2 credits of college level calculus with consent of instructor.

1 unit — Erickson, Penn

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 2015-16).

Prerequisite: Mathematics 251.

1 unit

MA311 Vector Analysis

Vector functions, divergence and curl. Green's and Stoke's theorems, and the properties of three-dimensional curves and surfaces. Related topics from linear algebra and differential equations. (Not offered 2015-16).

Prerequisite: Mathematics 203.

1 unit

MA313 Probability

Probability spaces, discrete and continuous random variables, independence, expectation, distribution functions.

Prerequisite: Mathematics 203.

1 unit — Glen, Tinsley

MA315 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 220.

1 unit — Bruder, Moran

MA316 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

MA318 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 220, Mathematics 315 or some experience of ordinary differential equations with consent of instructor.

1 unit — James

MA321 Abstract Algebra I

An introduction to the abstract algebraic properties of groups, rings and fields.

Prerequisite: Mathematics 220 & 251.

1 unit — Erickson

MA322 Abstract Algebra II

Continuation of Mathematics 321.

Prerequisite: Mathematics 321.

1 unit — Anderson

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 — Watkins

MA340 Topics in Mathematics:

Special topics in mathematics not offered on a regular basis. (Not offered 2015-16).

1 unit

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 2015-16).

Prerequisite: consent of instructor.

.5 to 1 unit

MA355 Independent Study:

Prerequisite: consent of instructor.

1 unit — Brown, Penn

MA375 Real Analysis I

An introduction to the theoretical basis for the calculus. Sequences and series; topology of the real line; metric spaces; definitions of limit, continuity, compactness.

Prerequisite: Mathematics 203 or MA204;MA220; and Mathematics 251.

1 unit — Bruder

MA376 Real Analysis II

Continuation of Mathematics 375. A rigorous treatment of derivatives and integrals, culminating in an introduction to continuity and differentiation of functions of several variables and of vector-valued functions.

Prerequisite: Mathematics 375.

1 unit — McDougall

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 2015-16).

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 2015-16).

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

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 2015-16).

Prerequisite: consent of instructor or Mathematics 313.

1 unit

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 2015-16).

1 unit

MA455 Independent Study:

1 unit — Janke

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, Bruder, Erickson, James

Molecular Biology

Molecular Biology Website (<https://www.coloradocollege.edu/academics/dept/molecularbiology/>)

Associate Professor (chair) Mario MONTANO, Professor Ralph BERTRAND, Associate Professor Phoebe LOSTROH, Assistant Professor Nancy HUANG, Assistant Professor Darrell KILLIAN, Assistant Professor Olivia HATTON

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

New Molecular Biology Major, as of February 2015

- 1 unit of organismal biology (Biology of Microbes, Biology of Plants, Biology of Animals, or Intro to Human Anatomy). Note that we have requested that MB 131 become a pre-requisite for Intro to Human Anatomy so that you have access to the course without taking BE 105, BE 106, or BE 107 first.
- 1 unit of MB 131, 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.
 - BY 131 or BY 232 satisfies this requirement
- 1 unit of MB 201, Laboratory in Molecular and Cellular Biology and Genetics.
 - Students who have completed BY 131 cannot take this course
 - Requirement waived for students who have completed BY 131 or BY 232
- 1 unit of MB 231, Genetics. MB201 is a pre-requisite.
 - Students who have completed BY 131 but not BY 231 place into this course
 - BY 231 or BY 232 satisfies this requirement
- 1 unit of 300-level lecture/discussion-based MB elective. These are intended for sophomores and juniors.
 - Can be satisfied by old BY 300- or 400-level courses with BY 231/232 Genetics as a pre-requisite
- 1 unit of 400-level lecture/discussion-based MB elective. These are intended for seniors and juniors.
 - Can be satisfied by old BY 300- or 400-level courses with BY 231/232 Genetics as a pre-requisite
- 2 units of 300- or 400-level laboratory-rich electives. These can be satisfied through mentored research with an MB professor. Selected non-MB courses can meet one of these two units (see list), but one of these units must be satisfied by an MB course offering.
 - Can be satisfied by old BY 300- or 400-level courses with BY 231/232 Genetics as a pre-requisite, and which have a laboratory component: BY 499, 475, 466, 453, 409, 391, 380, 359, 309.
 - List of courses outside MB that can satisfy one (but not two) of these units: Biochemistry I; Biochemistry II; Advanced human anatomy; Human physiology, Advanced exercise physiology; Mathematical biology; Neuroscience 1; Plant physiology; Population genetics; Techniques in molecular ecology and systematics.
- 1 unit of elective in the biological sciences; can be satisfied by any MB course for majors (not MB 100), or BY course for majors (not BY 100), or BE course for majors (not BE 100), 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 MB 100 or MB 111; any BE course other than BE 100; Any BY course other than BY 100; Biochemistry I; Biochemistry II; Human anatomy; Advanced human anatomy; Human physiology; Advanced exercise physiology; Mathematical biology; Neuroscience 1; Human evolution; Human Biological Variation.
- 1 unit of senior capstone in Molecular Biology, MB 497, which will be offered twice each year, once in the Fall and once in the Spring. Satisfied by MB 499 senior thesis in 2015-2016. Satisfied by MB 497 only from 2016-17 forward.
- 4 units of Chemistry (CH 107, CH 108, CH 250, and CH 251)
- 2 units from selected courses in Mathematics, Computer Science, or Physics (Calculus 1, Calculus 2, Statistics (MA 117 or MA 217), Computer Science 1, Computer Science 2, or Physics for the physical sciences). 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

Note that there was an administrative error regarding Molecular Biology this Fall – you must either complete the Biology – MCB track major or the 2015 Molecular Biology major described above. If you are a senior and this causes you any problems, make an appointment to talk with your advisor as soon as possible, and we're sure things can be worked out to everyone's satisfaction.

Minor Requirements

The minor offered by the Department of Molecular Biology consists of 6 units.

- 1 unit of MB131 or MB111 (Introduction to molecular & cellular biology)
- 1 unit of MB201, Laboratory in Molecular & Cellular Biology & Genetics
- 1 unit of MB231, Genetics
- 3 units that have MB231 as a pre-requisite

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 2015-16).

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.

1 unit — Bertrand

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.

.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 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. (Not offered 2015-16).

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 2015-16).

Prerequisite: No credit if taken after Biology 131, Biology 232, Molecular Biology 109, Molecular Biology 111, or Molecular Biology 131.

1 unit

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 Molecular Biology 131 or Molecular Biology 232.

1 unit — Hatton, Huang, Killian, Lostroh

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 2015-16).

.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 — Hatton, Killian, Lostroh, Noges

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, Hatton, Huang, Killian

MB210 Introductory Special Topics in Molecular Biology

Special topics not offered on a regular basis. Lecture/Discussion. (Not offered 2015-16).

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.

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

1 unit — Bertrand, Fish

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 — Bertrand, Huang

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 2015-16).

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 2015-16).

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 — Hatton, Killian

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 — Lostroh

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 2015-16).

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.

Prerequisite: 1) Biology 231, Biology 232, or Molecular Biology 231 and 2) Chemistry 250.

1 unit — Huang

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 2015-16).

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 2015-16).

.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 2015-16).

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 — 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.

Prerequisite: Biology 231, Biology 232, or Molecular Biology 231.

1 unit — Killian

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.

Prerequisite: 1.) Biology 231, Biology 232, or Molecular Biology 231 and 2.) Chemistry 251.

1 unit — Lostroh

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, Huang, Killian, Lostroh

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 — Huang

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 2015-16).

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's understanding of the molecular details of DNA replication, transcription, translation, gene regulation, protein localization, cell division, and signal transduction, and how viruses manipulate, subvert, and exploit these cellular processes. Lecture/discussion. (Not offered 2015-16).

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

MB450 Advanced Special Topics in Laboratory Research in Molecular Biology

Laboratory-intensive special topics not offered on a regular basis. Laboratory intensive. (Not offered 2015-16).

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 2015-16).

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 — Bertrand, Killian

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, Huang, Killian, Lostroh

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, Hatton, Huang, Killian

Music

Music Website (<http://www.coloradocollege.edu/academics/dept/music/>)

Professors BEN-AMOTS (chair), M. GRACE, LEVINE; Assistant Professors BAÑAGALE, TREVIÑO; Artist-in-Residence S. GRACE (associate chair); Lecturer D. BRINK; Visitors CRONIN, SCHORMANN, ZUTHER

Major Requirements

All students who wish to major in music must complete the following seven core block courses: MU392, MU393, MU411, MU412, MU315, MU316, and either MU301 or MU399. Two additional elective block courses must be completed from the department offerings, at least one of which is 200-level or above; one unit of MU150; one unit of any music FYE can be applied toward the major. MU199 Pre-Theory may not be used toward the major.

All music majors must complete an integrative capstone experience by taking MU435 Senior Seminar during their senior year. Seniors will sign up for MU401 or MU402 in preparation for the Capstone Colloquium in Block 6 of the senior year.

All music majors must complete one unit (four semesters) of vocal or instrumental studio performance. In addition, all majors are required to complete one unit (four semesters) of ensemble performance. One semester of the ensemble requirement must be World Music (Balinese gamelan or bluegrass ensemble) taken before or during MU393. Majors must satisfy the piano proficiency requirement as follows: all major and minor scales, one Bach two-part invention or the first movement of a classical sonatina, one Chopin prelude, and one 20th-century work of at least intermediate difficulty. This requirement should be completed no later than the beginning of the junior year. Four semesters of piano lessons at Colorado College fulfills this requirement.

Majors must fulfill the basic music computer requirement by taking MU200 or demonstrate computer literacy through examination. The ETS Major Field Test in Music must be successfully completed in the senior year. Music majors who plan to satisfy state teaching certification requirements should consult with the CC Education Department as early as possible in their college career.

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 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 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:**

MU392 (Theory I: Introduction to Counterpoint and Diatonic Harmony)

MU393 (Comparative Music Theory)

MU411 (Theory II: Advanced Diatonic Harmony)

MU412 (Theory III: Chromatic Harmony)

MU315 (History I: Ancient-Medieval-Renaissance-Baroque)
 MU316 (History II: Classical-Romantic-20th c. through 1945)
 MU301 or MU399 Music since 1945, with a creative component

ELECTIVES

Two additional elective units, one of which must be at the 200-level or above.

Please note: only one unit of MU150 or any music FYE can be applied to the major. MU199 Pre-Theory may not be used toward the major.

ADDITIONAL REQUIREMENTS (SENIOR YEAR)

MU401 or 402 must be taken in conjunction with the Senior Seminar in preparation for the Capstone Colloquium in Block 6 of the senior year.

MU435 Senior Seminar

PERFORMANCE REQUIREMENTS:

One unit of studio performance (four semesters)

One unit of ensemble performance (four semesters)

One semester of the above ensemble requirement must be World Music (Balinese gamelan or bluegrass ensemble) taken before or during MU393

Piano proficiency requirement (should be completed before the junior year)

Computer proficiency (MU200 or exam)

Successful completion of ETS Major Field Test in Music (in senior year)

Music majors must attend ten (10) department-approved concerts per semester. Programs from each concert must be signed and submitted to the Music Department office.

The Music Department recommends that all music majors complete the Core Requirements by the end of the junior year. Music majors should consult with their academic advisors concerning elective courses for further study in the major areas of the field, such as ethnomusicology, history and literature, music education, performance, and theory/composition.

Minor Requirements

A minimum of six units of course work in the Music Department, including five required units in the following categories: theory/composition, Western music history, 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 Pre-Theory, MU301 Composition, MU392 Music Theory I (or subsequent courses in the theory sequence), 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, MU204 From Mozart to Mahler, MU207 Opera, MU210 Splendor of the Baroque, MU212 Mozart and his Age, MU223 Beethoven, MU315 Music History I, MU316 Music History II, 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, 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** for example, MU200 Music @

the Computer, MU205 Introduction to Jazz, MU227/228 Popular Music, MU228 The Beatles Then and Now, 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 course work in the Music Department, 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 Pre-Theory, MU301 Composition, MU392 Music Theory I (or subsequent courses in the theory sequence), 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, MU204 From Mozart to Mahler, MU207 Opera, MU210 Splendor of the Baroque, MU212 Mozart and his Age, MU223 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

MU205 Introduction to Jazz, MU227/228 Popular Music, MU228 The Beatles Then and Now, MU200 Music @ 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 Music Department office.

Please note: Only one FYE unit can count toward the music minor.

Courses

Music

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 2015-16).

2 units

MU107 Percussion

.25 unit — Cooper

MU109 African Drum

(Not offered 2015-16).

.25 unit

MU111 Recorder

.25 unit — Ekberg

MU113 Harp (1st Year)

.25 unit

MU115 Banjo

.25 unit — Reed

MU117 Bass Guitar

(Not offered 2015-16).

.25 unit

MU118 Piano

.25 unit — Anderson, Brink, Grace, Polifka

MU120 Jazz Piano

.25 unit — Barta

MU121 Class Instruction in Beginning Guitar

.25 unit — Miller

MU122 Bluegrass Guitar

Prerequisite: consent of instructor.

.25 unit — Reed

MU123 Tuba

.25 unit — Van Hoy

MU124 Class Instruction in Piano

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 — Brink

MU125 Class Instruction in Voice

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.

.25 unit — Fosha

MU126 Class instruction in Intermediate Guitar

.25 unit — Miller

MU127 Jazz Bass Guitar

.25 unit — Neihof

MU128 Double Bass

.25 unit — Head

MU129 Jazz Guitar

.25 unit — Taylor

MU130 World Music Ensemble: African Music Ensemble

(Not offered 2015-16).

.25 unit

MU131 Balinese Gamelan Music

.25 unit — Lasmawan

MU132 Bluegrass Music Ensemble

.25 unit — Reed

MU133 Violin

.25 unit — Jorgensen

MU137 Classical Guitar

.25 unit — Miller

MU139 Cello

.25 unit — Shelton

MU141 Mandolin

.25 unit — Miller

MU144 Concert Band

.25 unit — Van Hoy

MU145 Chamber Orchestra

.25 unit — Brink

MU146 Guitar Ensemble

Two-semester course.

.25 unit — Miller

MU147 Jazz Ensemble

.25 unit — Taylor

MU148 Bowed Piano Ensemble

(Not offered 2015-16).

Prerequisite: consent of instructor.

.25 unit

MU149 Small Chamber Ensemble

.25 unit — Brink, 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.

2 units — Grace, Treviño

MU151 Voice

.25 unit — Brink, Comstock, Fosha

MU155 Viola

.25 unit — Dobrotvorskaia

MU157 Chamber Chorus

.25 unit — Teske

MU159 College Choir

.25 unit — Teske

MU161 Clarinet

.25 unit — Stevens

MU162 Bassoon

.25 unit — Vieira

MU163 French Horn

.25 unit — Collazo Llantín

MU164 Flute

.25 unit — Nagem

MU165 Oboe

.25 unit — Ding

MU166 Baritone

.25 unit — Van Hoy

MU167 Trombone

.25 unit — Van Hoy

MU168 Trumpet

.25 unit — Wilson

MU169 Saxophone

.25 unit — Matzke

MU171 Organ

.25 unit — Shelton

MU173 Fiddle

.25 unit

MU174 Tabla

(Not offered 2015-16).

.25 unit

MU175 Collegium Musicum

Instrumental Ensemble and Vocal Ensemble credits (only for non-music majors) may be counted toward a degree provided the student does not have a total of more than 2 units of work in all.

.25 unit — Ekberg

MU182 Emotion and Meaning in Music

Meets the Critical Perspectives: The West in Time requirement.

Prerequisite: First-Year Experience. Must take both blocks for credit.

1 unit — Banagale, Grace

MU190 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 2015-16).

2 units

MU199 Pre-Theory

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, Treviño

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 2015-16).

Prerequisite: consent of instructor.

.5 to 1 unit

MU201 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 2015-16).

Prerequisite: Music 199 or consent of instructor.

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 DanzÃ³n Music as well as the various Afro-Cuban religious groups like the SanterÃ¡a, Palo, AbakuÃ¡ and ArarÃ¡. 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 âBuena Vista Social Clubâ and other movies. Meets the Critical Perspectives: Global Cultures requirement. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Schormann

MU204 From Mozart to Mahler: A History of the Symphony

No previous musical experience needed. An exploration of the development of the symphony,

beginning with its inception as an amalgamation of various national characteristics in courtly circles during the middle of the 18th century. Haydn, Mozart, and Beethoven elaborated and transformed the genre as it moved into the 19th century, when it flourished as a dramatic vehicle for large public concerts during the great age of Romanticism. An analysis of the symphony's mid- to late-19th century manifestations will examine the continuity of its forms as well as the myriad innovations that eventually led both to the profound creations of Mahler and others as well as the ultimate decline of the genre in the 20th century. (Not offered 2015-16).

1 unit

MU205 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 2015-16).

1 unit

MU207 Opera

An introduction to operatic conventions from the origin of opera in the late Renaissance to the operatic masterworks of the 20th century. Sociological elements behind the presentation of opera will be discussed as well as concepts in staging and production. (Not offered 2015-16).

1 unit

MU209 Music at the Millenium

The significance of the Second Millennium as a collective anniversary. Some salient musical developments of the past on the rise in prominence of popular and world music in the 20th century. The state of music today with emphasis on revolutionary new technologies. Musical changes that are projected as the 21st century is entered. (Not offered 2015-16).

1 unit

MU210 Splendor of the Baroque

No previous musical experience needed. A kaleidoscopic introduction to the passionate and lofty music of the late 16th, 17th, and early 18th centuries. The course examines the fascinating English developments of the late Renaissance and early Baroque, the rediscovery of ancient music and the invention of opera, the flowering of instrumental music across Europe, and the final apotheosis of the high Baroque in the dramatic spectacle of Handel and the contrapuntal genius of Bach. (Not offered 2015-16).

1 unit

MU211 Miles Ahead: The Miles Davis Years

This course traces the remarkable fifty-year career of one of jazz's most important innovators. His thinking inspired several distinct stylistic movements in the music, and he was mentor to many

younger players who developed into major voices under his leadership. Guided listening to several of Miles most important recordings as well as those of some of his significant proteges and investigation of some of the extra-musical issues surrounding his life and music. No prerequisite, though 205 Introduction to Jazz is recommended. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2015-16).

Prerequisite: Music 205 is recommended.

1 unit

MU212 Mozart & His Age

A study of Mozart's life, character and works in the context of 18th century Europe. The course will examine each genre of music composed by Mozart and compare his works with those of his immediate predecessors and contemporaries such as Handel and Haydn. Mozart's place in 18th century society - his relationships with employers, contemporary musicians and works, family, friends, and the Masonic movement - will be examined as a context for the study of his music. No musical background is required.

1 unit — Grace

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 2015-16).

1 unit

MU217 Musical Learning Theories for Band and Orchestral Instruments

In this course, students study various approaches for teaching instrumental music (e.g.: Orff, Kodaly, Suzuki, Dalcroze, etc.) while they acquire intermediate performance skills on two band or orchestral instruments. By engaging in various music learning theories, students discover how to best teach someone to play an instrument, in the context of school, private lesson, and informal settings. Students will explore how sound is produced, which motor and aural skills enhance playing an instrument, and what teaching methods improve instruction and learning. After practice, observation, and teaching others, the course culminates with solo and small ensemble performances. Required for K-12 music teaching licensure candidates.

Prerequisite: pre-theory music reading and consent of instructor.

1 unit — Hanagan

MU221 Topics in Ethnomusicology:

Special topics in ethnomusicology, approached through emphasis on a particular musical area, theoretical issue, genre or repertory, compositional technique, or instrument. The course is devoted to non-Western musical cultures. Meets the ethnomusicology requirement for the music minor. (Not

offered 2015-16).

1 unit

MU222 Topics in Ethnomusicology:

Special topics in ethnomusicology, approached through emphasis on a particular musical area, theoretical issue, genre or repertory, compositional technique, or instrument. The course is devoted to non-Western musical cultures. Meets the ethnomusicology requirement for the music minor.

1 unit — Levine, Tucker

MU223 Beethoven, or 'Da-Da-Da-DUMMM'

' 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 2015-16).

1 unit

MU224 Jewish Music

This interdisciplinary course traces the many musical traditions of the Jewish world communities in a journey from Temple singing and desert ceremonies in biblical times, through music of Mendelssohn, Mahler, and Schoenberg, to works of individuals such as Gershwin, Copland, Berlin, and Bernstein. Included will be a comparative study of the three major religions of the Western world exploring their respective voices and musical interaction. Sociology, literature, religion and history, as well as issues of ethnicity, cultural unity and self-expression, will be engaged in this multicultural search for musical identity. (Also listed as Religion 224.) May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2015-16).

1 unit

MU226 Verdi and Wagner

Examines the works of the two greatest opera composers of the nineteenth century: the Italian Giuseppe Verdi and the German Richard Wagner, both born in 1813. The course begins by examining the origins of opera in the Italian renaissance and its development through the baroque and Viennese classical periods as opera spread and developed its own national characteristics in French and German-speaking lands. Italian, German, and French influences during the early romantic period then shaped both artists' output as each developed distinctive and indeed revolutionary styles. The course work includes viewing 12 complete operas, including Verdi's 'Romantic Trilogy,' (Rigoletto, La traviata, and Il trovatore) and Wagner's massive tetralogy The Ring of the Nibelung. The course

concludes with the late comedies -- Wagner's *Die Meistersinger von Nurnberg* and Verdi's *Falstaff*. No previous musical experience required. (Not offered 2015-16).

.5 to 1 unit

MU227 Topics in Music:

Particular aspects in music, approached through emphasis on a form, period, composer(s), area or medium. Blocks 1-8: Vocal Literature and Language. This course provides vocal students with a broad view of classic vocal literature from many languages, countries and areas. It provides the tools for pronunciation in foreign languages through teaching the International Phonetic Alphabet (IPA) to pronounce and sing vocal literature. Taught as an extended format course and must be taken for a full year.

1 unit — Grace, Treviño, Zuther

MU228 Topics in Music:

1 unit — Cronin, Treviño

MU230 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 2015-16).

1 unit

MU231 Musicals in American Culture

Musicals stood at the center of American culture for much of the twentieth century. They not only generated tunes and tales that became the hits of their day, but also commented on the ever-shifting social and political landscape. Rather than offer a comprehensive survey, this course explores the musical artistry and cultural resonances of the American musical through a cluster of shows that confront issues of race, ethnicity, politics, immigration, and globalization. The course places an emphasis on compositional style through the development critical listening and analysis skills. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

.25 to 1 unit

MU232 Popular Music from South Asia, the Middle East, and North Africa

Explores popular music from South Asia, the Middle East, and North Africa, as well as from these regions' diasporic populations in the United States and Europe. Considers how technology, mass

media, and migration have shaped and still shape communities' respective cultural identities, particularly in the contemporary context of globalization. (Not offered 2015-16).

.25 to 1 unit

MU233 From Bombay to Bollywood: Music and the Popular Indian Film

Examines how film music has helped define the global industry now known as 'Bollywood.' Also examines how film song sequences, hallmarks of Indian popular cinema, work within and outside films' narratives to create a unique aesthetic. Course surveys both old and recent popular Bombay films. It explores elements of songs within the film including stylistic conventions, context within films, and their life outside the cinema hall. (Not offered 2015-16).

.25 to 1 unit

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 2015-16).

1 unit

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 2015-16).

1 unit

MU291 Music in Culture: Native American Southwest

Music is central to Native Americans within both local communities and urban contexts, and its study illuminates important facets of Native social structure, ways of life, and world view. This course addresses Native musical cultures of the Southwestern United States in historical and contemporary perspectives, surveying diverse repertoires including ceremonial, popular, and Native Classical musics. It focuses on the elements of style that create a distinctive sound within each musical repertory, and considers major concerns of Native musicians today, including musical preservation and revitalization, misappropriations of Native musics, and musical challenges to ethnic stereotypes. Students participate in hands-on performance workshops led by Native musicians. Assignments are project-based and discussion-oriented. Course material is enhanced by guided listening and films. All students are welcome; no prior musical background needed. This course meets the ethnomusicology requirement for the music minor. As a cross-listing with Anthropology, it centers on humans as producers of music, situates musical activity comparatively, and makes meaningful connections with

the body of knowledge and theory of cultural anthropology. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2015-16).

1 unit

MU293 Music in Culture: Asia

: Music is a cornerstone of Asian expressive traditions, providing a lens through which the complex social interactions within the region may be understood. This course introduces the musical cultures of India, China, and Japan in historical and contemporary perspectives, surveying diverse repertoires including ritual, court, folk, popular, and film music. It focuses on three pivotal time periods in each region—the classical era, the early modern era, and the twentieth century—and on the elements of style that create a distinctive sound within each culture. Students participate in hands-on performance workshops led by masters of Asian musics. Assignments are project-based and discussion-oriented. Course material is enhanced by guided listening and films. All students are welcome; no prior musical background needed. This course meets the ethnomusicology requirement for the music minor. As a cross-listing with Anthropology, it centers on humans as producers of music, situates musical activity comparatively, and makes meaningful connections with the body of knowledge and theory of cultural anthropology. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2015-16).

1 unit

MU295 Music in Culture: Indonesia

Gamelan orchestras, featuring a variety of bronze, bamboo, and wooden percussion instruments, are a global icon of Indonesian culture. This course introduces the vibrant and dynamic gamelan traditions of Bali and Central Java in historical and contemporary perspectives, surveying diverse repertoires including ritual, court, village, dance, theater, and popular musics. Students learn the fundamentals of Indonesian music theory and the elements of form and design that create the distinctive sounds of gamelan music. The role of Hinduism and Islam in Indonesian musical life is discussed, along with the impact of Dutch colonization, decolonization, and tourism. Emphasis is placed on performance and creative components; students compose and perform gamelan music and participate in hands-on workshops with Indonesian musicians. The class culminates in a public performance, in which students present music learned during the course. All students are welcome; no prior musical background needed. The class is team-taught by an Indonesian musician and an ethnomusicologist. This course meets the ethnomusicology requirement for the music minor. As a cross-listing with Anthropology, it centers on humans as producers of music, situates musical activity comparatively, and makes meaningful connections with the body of knowledge and theory of cultural anthropology. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Lasmawan

MU301 Composition

Practical guidance in the composition of original music, with reference to 20th century music theory and compositional methods. Students will be able to concentrate on both the creative and the analytical aspects of contemporary composition.

Prerequisite: consent of instructor.

1 unit — Ben-Amots

MU302 Orchestration

(Not offered 2015-16).

Prerequisite: consent of instructor.

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.

Prerequisite: consent of instructor & 199. Music 315 & 316 TOGETHER equals 'W' credit.

1 unit — Banagale

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.

Prerequisite: consent of instructor & 199. Music 315 & Music 316 TOGETHER equals 'W' credit.

1 unit — Grace

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

MU329 Class Instruction in Voice

(Not offered 2015-16).

.25 unit

MU330 Class Instruction in Voice

(Not offered 2015-16).

.25 unit

MU342 Music Education in the Elementary Grades

(Not offered 2015-16).

Prerequisite: consent of instructor (extended format).

.5 to 1 unit

MU392 Theory I Introduction to Counterpoint and Diatonic Harmony

Approaches to traditional harmonic practice and the music of the Common-Practice Period; keyboard harmony, ear-training and sight-singing. Meets the Critical Perspectives: Quantitative Reasoning requirement.

Prerequisite: consent of instructor, Music 199.

1 unit — Brink

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. *Prerequisite:* Music 392. 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.

Prerequisite: Music 392.

1 unit — Levine

MU394 Methods and Research in Popular Music

An interdisciplinary examination of methods and theoretical approaches in popular music research. Surveys current debates and issues within the field including music analysis, historiography, audiences and reception, race and ethnicity, identity, performance, gender and sexuality, technology, industry, politics and media. (Not offered 2015-16).

Prerequisite: Music 392 or consent of instructor.

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 — 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: Music 392 or consent of instructor.

1 unit — Ben-Amots, Grace, Treviño

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: Music 392 or consent of instructor.

1 unit — Arroyo-Rodriguez, Ben-Amots

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 2015-16).

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.

.5 unit — Banagale, Ben-Amots

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 — Treviño

MU411 Theory II Advanced Diatonic Harmony

Expanded harmonic practice and introduction to the elements of formal analysis; keyboard harmony, ear-training, and sight-singing.

Prerequisite: Music 392.

1 unit — Brink

MU412 Theory III Chromatic Harmony

Harmonic practices of the late 19th century; elementary instrumentation and score-reading; keyboard harmony, ear-training, and sight-singing.

Prerequisite: Music 411.

1 unit — Ben-Amots

MU425 Advanced Composition and Orchestration

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 2015-16).

Prerequisite: Music 301 or Consent of Instructor.

1 unit

MU430 Colloquium in Music

Independent research in an advanced musical subject chosen by the student and approved by a faculty project adviser and the department. The project must involve a written component (words and/or notes) and lead to a colloquium (1/2 to 1 hour in length) presented by the student to the department faculty and other majors. (Not offered 2015-16).

Prerequisite: consent of department & Senior Music majors.

.5 to 1 unit

MU435 Senior Seminar

Planning and preparation for the senior capstone project in music. Research proposal, design, and bibliography for capstone project, incremental presentations of work in progress, and final departmental presentation in a colloquium format. Required of all music majors in their senior year.

Prerequisite: Senior Music Majors.

1 unit — Banagale

Neuroscience

Neuroscience Website (<http://www.coloradocollege.edu/academics/dept/neuroscience/>)

Advisers — Professors BERTRAND, ERDAL, HORNER, JACOBS (co-director); Associate Professor DRISCOLL (co-director); Assistant Professors DAUGHERTY, HUANG, 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. Required courses are:

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
- MB440: Developmental Neurobiology

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)

- P309: 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 Psychology Department, 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

Organismal Biology and Ecology Website (<https://www.coloradocollege.edu/academics/dept/obe/>)

Professors EBERSOLE, HATHAWAY, KELSO, SNYDER; Associate Professors GRAY, HESCHEL, LINKHART, WILSON; Visiting Associate Professor DRUMMOND; Visiting Assistant Professors BRANDLEY, WHITTINGHILL

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: 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. Take the ETS exam
 3. 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 Chemistry Department 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 Math Department 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 Math Department.
- If you took Calculus in high school but do not have AP or IB credit, talk to the Math Department.
- **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 or BY 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.

During your junior and senior years, you must:

- **Successfully pass the Biology ETS exam or the Biology GRE exam.**
 - Register to take the **2-hour ETS Major Field Test in Biology** early in **Block 3** or early in **Block 6**, the only two times OBE offers the exam. **It is best to take the ETS exam in Block 3 in case you do not pass the exam.** See the “Senior Capstone” section on the website for advice to prepare for this exam and links to sample questions.
 - Alternatively, you can take the Biology GRE in the fall, but we strongly recommend that you take the ETS exam instead. You must list Colorado College as a recipient of the GRE scores.
 - **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.*
 - 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 — 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

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 — Brandley, 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. (Not offered 2015-16).

Prerequisite: Organismal Biology and Ecology 105.

1 unit

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 — Linkhart, Snyder, Whittinghill

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 — Whittinghill

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 Histotechnology

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 2015-16).

Prerequisite: Organismal Biology and Ecology 105 or 106 recommended.

.5 to 1 unit

BE249 Special Topics in Organismal Biology and Ecology

(Not offered 2015-16).

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 2015-16).

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 — 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 — Brandley, Heschel, Kelso, Linkhart

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 2015-16).

Prerequisite: Organismal Biology and Ecology 106 or consent of instructor.

1 unit

BE331 Parasitic Helminths

The biology of worms parasitic in humans and other animals. Lecture, laboratory and readings will focus on host-parasite relations, life histories, morphology, and physiology of parasitic helminths. (Not offered 2015-16).

Prerequisite: Organismal Biology and Ecology 106 or consent of instructor.

1 unit

BE332 Animal Behavior

A comparative study of the diversities of behavioral systems of animals. Lecture, laboratory and field work include ethological theories and methods, emphasizing observation, denotation and analysis of behavior. (Not offered 2015-16).

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 2015-16).

.5 to 1 unit

BE342 Special Topics in Organismal Biology and Ecology:

(Not offered 2015-16).

1 unit

BE343 Special Topics in organismal Biology and Ecology

(Not offered 2015-16).

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.

Prerequisite: Molecular Biology 131 or Sophomore Standing.

1 unit — Hathaway

BE348 Special Topics in Organismal Biology and Ecology:

(Not offered 2015-16).

1 unit

BE349 Special Topics in Organismal Biology and Ecology:

(Not offered 2015-16).

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 2015-16).

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 — Brandley

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 2015-16).

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 2015-16).

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 2015-16).

Prerequisite: Organismal Biology and Ecology 107, , Molecular Biology 131, Molecular Biology 231 and Chemistry 108; or consent of instructor.

1 unit

BE389 Patagonian Ecology and Biogeography

Introduction to the ecology and biogeography of Patagonia, including montane, steppe and coastal ecosystems. The course is linked to BE 390 Ecology and Biogeography of Patagonia, and students must enroll in both courses. (Not offered 2015-16).

Prerequisite: Junior or Senior standing. Organismal Biology and Ecology 208 and enrollment in Organismal Biology and Ecology 390.

.5 unit

BE390 Ecology and Biogeography of Patagonia

On-site investigations of the ecology and biogeography of Andean mountain forests and Patagonian steppe and studies of the ecology of several marine vertebrate species at the Atlantic coast. Students will read and present original literature, meet with local scientists at their study sites, and develop hypotheses that could be tested in the ecosystems we visit.

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 — Linkhart, Snyder

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 — Brandley, Heschel, Kelso, Linkhart

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 — Kelso

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 2015-16).

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 2015-16).

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 — Brandley, Whittinghill

BE442 Special Topics in organismal Biology and Ecology:

(Not offered 2015-16).

Prerequisite: consent of instructor.

1 unit

BE443 Special Topics in Organismal Biology and Ecology:

(Not offered 2015-16).

Prerequisite: Organismal Biology and Ecology 208.

1 unit

BE446 Special Topics in Organismal Biology and Ecology:

(Not offered 2015-16).

Prerequisite: consent of instructor.

1 unit

BE447 Special Topics in Organismal Biology:

(Not offered 2015-16).

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 — Ebersole, Heschel, Kelso

Philosophy

Philosophy Website (<http://www.coloradocollege.edu/academics/dept/philosophy/>)

Professors J. LEE, RIKER; Associate Professors FURTAK (chair), HERNANDEZ-LEMUS, HOURDEQUIN; Assistant Professor DALY; 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

Students majoring in philosophy must satisfactorily complete 13 units in philosophy:

- a. Five units are in the history of philosophy: Greek Philosophy (PH101), History of Modern Philosophy (PH201) (2 units), 20th Century Analytic Philosophy (PH301), and 20th Century Continental Philosophy (PH302).
- b. One unit of Ethics (PH140).
- c. Four other units are meant to demonstrate breadth in the discipline of philosophy; this part of the major involves taking one course in each of the following four areas (topical courses in these areas are so indicated in the catalog descriptions): Knowledge and Reality, Value Theory, Philosophical Psychology, and Comparative Philosophy. (See the list below.) At least one of these area courses must be at the 300 level.
- d. The three remaining units provide both depth and a capstone experience in the major: Junior Seminar (PH452), Senior Essay (PH475), and Senior Seminar (PH476).

Independent reading courses cannot substitute for any of the above requirements without written permission from the department. We urge students to take Greek Philosophy (PH101) and History of Modern Philosophy (PH201) prior to the end of their sophomore year.

KNOWLEDGE AND REALITY:

PH122, PH226, PH227, PH228, PH229, PH321

VALUE THEORY:

PH141, PH244, PH245, PH246, PH247, PH249, PH340, PH341, PH342

PHILOSOPHICAL PSYCHOLOGY:

PH260, PH261, PH262, PH360, PH361

COMPARATIVE PHILOSOPHY:

PH243, PH280, PH281, PH282, PH283, PH284, PH285.

Minor Requirements

Students minoring in philosophy must satisfactorily complete six units in philosophy, including PH201 (two units) as well as at least two units of advanced work at the 300 or 400 level.

Courses

Philosophy

PH101 Greek Philosophy

An examination of the origins of Western philosophy as it arose in ancient Greece. The course begins with the Pre-Socratic philosophers, centers on the philosophies of Plato and Aristotle, and closes with the important Hellenistic traditions of Stoicism, Skepticism, Epicureanism, Cynicism, and Neoplatonism.

1 unit — Furtak

PH113 Brothers Karamazov

(Not offered 2015-16).

.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 2015-16).

2 units

PH122 Philosophical Argument and Writing (with Emp on Writing)

Beginning with an introduction to critical thinking and conceptual argument, this course will cover basic principles of logic as they pertain to philosophical writing. The latter half of the course will be devoted to an intensive workshop on the grammatical and stylistic techniques that make for clarity and coherence in spoken and written argument. (Not offered 2015-16).

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 — Hourdequin, 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 2015-16).

1 unit

PH201 History of Modern Philosophy

A study of the evolution of 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 — Furtak, Kim, Riker

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 — Daly, Dobson, Holmes, 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.

1 unit — Riker

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 2015-16).

.5 unit

PH226 Formal Logic

An introduction to the formal language of first-order logic, including the rules of syntax and semantics for sentential and predicate calculus, with a special emphasis on modes of quantification. Meets the Critical Perspectives: Quantitative Reasoning requirement.

1 unit — Daly

PH227 Epistemology

In this course we will engage in a critical examination of problems concerning knowledge and belief: how beliefs are acquired and justified, the possible limits to knowledge, and the interplay between reason and experience. Readings will be from historical and contemporary sources. (Not offered 2015-16).

Prerequisite: 1 unit in philosophy or sophomore standing.

1 unit

PH228 Philosophy of Science

This course investigates basic concepts, assumptions, structures, and methods of science, and confronts philosophical ideas about the significance, justification, and production of science. In this course we will examine some historical and contemporary case studies of scientific controversy to illustrate competing views about the nature of science.

1 unit — Hourdequin

PH229 Philosophy of Language

A study of the nature, origins, and significance of language. Discussion of various theories from such thinkers as Cassirer, Piaget, Quine, Wittgenstein, Whorf, Heidegger, Austin, Chomsky and Merleau-Ponty. regarding language's relation to thought, reality, culture, formal systems and non-verbal systems of communication. (Not offered 2015-16).

1 unit

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 — McEnnerney

PH245 History of Social and Political Philosophy: Modern Debates

Investigates leading modern and contemporary political philosophers, considering contrasts and continuities between classical idealism and modern pragmatism as well as the evolution of modern states and societies. Addresses the questions of whether the contemporary era is best understood as

one of moral and intellectual decline, as some insist, or as one of democratic promise as others argue. Philosophers discussed may include Hobbes, Locke, Rousseau, Bentham, Marx, J.S. Mill, Nietzsche, Bloom, Arendt, and Rorty. (Not offered 2015-16).

1 unit

PH246 Environmental Ethics

An analysis of human attitudes toward the rest of the natural world and of the ways in which our beliefs and values influence our relation to the environment. The course will focus on the challenge of finding conceptual resources adequate to the creation of a sustainable way of life and on the difficulty of transforming habits of mind which contribute to the current ecological crisis.

1 unit — Allen, Hourdequin

PH247 Aesthetics

This course deals with the creation and appreciation of works of the imagination, including such questions as: what is art?, how are we to evaluate works of art?, and how does art enrich our lives?

1 unit — Kim

PH249 Philosophy of Education

(Not offered 2015-16).

1 unit

PH260 Existential Philosophy

A study of several thinkers in the existential tradition, which has its origin in the 19th century writings of Kierkegaard and Nietzsche and includes such 20th century authors as Heidegger and Camus, among others. Issues to be covered include freedom, authenticity, meaning, the absurd, the predicament of the contingent individual, and the aims of philosophy itself.

1 unit — Furtak

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

1 unit — Furtak

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

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 2015-16).

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 2015-16).

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 2015-16).

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.

1 unit — Hernandez-Lemus

PH284 Feminist Philosophies

An exploration of the many 'feminisms' which pattern the rich and expanding field of feminist theory. Focus will be on feminism's intersection with many of the important theoretical movements of the 20th century, e.g., American Pragmatism, French philosophies, Marxism, Postmodernism, with special emphasis on 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.

1 unit — Russell

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, Bernsaconi, Outlaw, Levinas, Mendieta. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

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.

Prerequisite: Philosophy 201.

1 unit — Daly

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 — Hourdequin, Lee

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.

Prerequisite: 2 units in philosophy.

1 unit — Hernandez-Lemus

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. (Not offered 2015-16).

Prerequisite: 2 units in philosophy.

1 unit

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 2015-16).

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 2015-16).

Prerequisite: 1 unit in philosophy, sophomore standing, or consent of instructor.

1 unit

PH342 Critical Theory

Investigates the radical interdisciplinary social philosophy that German scholars hostile to fascism developed by combining Marxist philosophy with Freudian psychoanalysis, in an effort to understand the promise and dangers of mass societies. The course addresses both the origins of critical theory and the more contemporary modernist and postmodernist variants. Authors discussed may include Horkheimer, Adorno, Marcuse, Althusser, Habermas, Foucault, Lyotard, Castoriadis, Fraser, and Honneth.

Prerequisite: 1 unit in philosophy, sophomore standing, or consent of instructor.

1 unit — McEnnerney

PH360 Philosophy & Psychoanalysis

An exploration of what the discovery of unconscious mental functioning means in relation to philosophical problems in ethics, philosophical psychology, social theory, and theory of meaning. The course is grounded in the work of Freud and may include such post-Freudians as Lacan, Cixous, Winnicott, Klein, and Kohut.

Prerequisite: 2 units in philosophy.

1 unit — Riker

PH361 Philosophy of Emotions

Explores a range of theoretical attempts to explain the emotions and their place in human life. Emotions such as fear, anxiety, hope, love, and regret will be studied both for their own sake and as sources of insight into the nature of meaningful experience. Attention will be paid to the distinction

between momentary passions and abiding affective dispositions, and to such questions as how emotions might be justified and what sort of cognition they involve. (Not offered 2015-16).

Prerequisite: 2 units in philosophy or consent of instructor.

1 unit

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

PH452 Junior Seminar

An examination of the work of a living philosopher, especially as this contemporary work rereads or relates to a figure from the history of philosophy. When possible, the philosopher in question will participate in the seminar.

Prerequisite: Philosophy 101, Philosophy 201, and a declared major in philosophy.

1 unit — McEnnerney

PH453 Independent Readings:

Independent study for advanced students who wish to do work supplementary to that offered in the Catalog.

1 unit — Furtak

PH454 Independent Study:

Independent study for advanced students who wish to do work supplementary to that offered in the Catalog.

1 unit — Furtak

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, Hernandez-Lemus

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 — Daly, Riker

Physics

Physics Website (<http://www.coloradocollege.edu/academics/dept/physics/>)

Professors BURNS, HILT, WHITTEN; Associate Professors CERVANTES, LANG (chair), PURDUE; Adjunct Associate Professor DICENZO; Visiting Professor THOMAS

The Physics Department offers both major and minor programs. The core physics major consists of only nine courses, not including math prerequisites. This allows the flexibility to direct the core physics curriculum toward a student's specific career goals.

For students intending to pursue physics professionally, the comprehensive emphasis is strongly recommended. The liberal arts emphasis consists of only the core physics requirements outlined below, and is the foundation for every other emphasis.

Additional emphasis information

Senior Seminar information

Pre-engineering options

Possible emphases for the physics major include:

- Liberal Arts
- Comprehensive
- Astrophysics
- Environmental
- Geophysics
- Chemical/Materials Science
- Education

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

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.

Other requirements:

PC251 Introductory Modern Physics

PC261 Electronics I

PC361 Techniques of Experimental Physics

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

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 without an emphasis. Successful completion of an emphasis can be noted on your transcript.

Summary of emphasis requirements

The available emphases are:

[Liberal Arts](#) - [Comprehensive](#) - [Astrophysics](#) - [Environmental](#) - [Geophysics](#) - [Chemical/Materials Science](#) - [Education](#)

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.

[sample Liberal Arts Major schedule](#)

Requirements:

Introductory Classical Physics I and II (PC241 and PC242)

Modern Physics (PC251)

Electronics (PC261)

Either Techniques of Experimental Physics (PC361) or Techniques of Experimental Astrophysics (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.

sample Comprehensive Major schedule**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.

sample Astrophysics Emphasis schedule**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.

sample Environmental Physics Emphasis schedule

Requirements:

Introductory Classical Physics I and II (PC241 and PC242)
 Modern Physics (PC251)
 Electronics (PC261)
 Techniques of Experimental Physics (PC361)
 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 or EC141) or Microeconomics (EC151)
 Environmental Policy (EV271 or PS321)
 Environmental Management (EV321)
 Air (EV431)
 Environmental Synthesis (EV421), Thesis (EV499), or Senior Seminar* (PC450)

*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 MA313, MA220, MA316, MA318)

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 Physics Department and Megan Anderson in the Geology Department.

sample Geophysics Emphasis schedule

Requirements:

Introductory Classical Physics I and II (PC241 and PC242)

Modern Physics (PC251)

Electronics (PC261)

Techniques of Experimental Physics (PC361)

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 Physics Department and Ted Lindeman or Sally Meyer in the Chemistry Department.

sample Chemical Physics Emphasis schedule

Requirements:

Introductory Classical Physics I and II (PC241 and PC242)

Modern Physics (PC251)

Electronics (PC261)

Techniques of Experimental Physics (PC361) or Techniques of Experimental Astrophysics (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 Education Department. For more information, contact Mike Taber or Deb Mortenson in the Education Department for advising.

sample Education Emphasis schedule

Requirements:

Introductory Classical Physics I and II (PC241 and PC242)

Modern Physics (PC251)

Electronics (PC261)

Techniques of Experimental Physics (PC361)

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)

OTHER COURSES:

Courses 123 and 124 (Scientific Revolutions I and II) through 137 (Conceptual Physics) are intended primarily for students with no professional interest in the sciences, but a curiosity about what physicists and astronomers know about various aspects of the world and how they found it out.

The Topics in Physics courses (120, 220, 320, and 420) are experimental or occasional courses taught

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 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 2015-16).

.5 unit

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 2015-16).

.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. Meets the Critical Perspectives: Global Cultures requirement. Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2015-16).

2 units

PC123 Scientific Revolutions: The Copernican Revolution

Planetary astronomy from the Greeks to the age of Newton. This course is a blend of history and science, and it explores the role of planetary astronomy in the development of Western thought. Readings from Aristotle, Ptolemy, Copernicus, Galileo, Kepler, and Newton. Astronomical observations and laboratory work. (Satisfies the laboratory/field requirement for natural sciences.) Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. Meets the Critical Perspectives: The West in Time requirement.

1 unit — Whitten

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. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. Meets the Critical Perspectives: The West in Time requirement.

Prerequisite: Physics 123.

1 unit — Hilt

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 2015-16).

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.

1 unit — Hilt

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 — Gosnell, Hilt, Klebe

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.

1 unit — Taber

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.

1 unit — Lang

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 2015-16).

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, DiCenzo, Hilt

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 — Cervantes, Lang

PC151 Biophysics: Physics and Living Things

How physical principles apply to living things. Some examples of the kinds of topics to be discussed are muscle action, running, jumping, flying, circulation of blood, keeping warm, keeping cool, nerve action, hearing, and seeing. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement. Meets the Critical Perspectives: Quantitative Reasoning requirement. (Not offered 2015-16).

1 unit

PC210 Investigations in Engineering

Project-based course taught by a visiting engineer to introduce students to a particular field of engineering. Content will vary substantially between offerings.

Prerequisite: consent of instructor.

.5 unit

PC220 Topics in Physics:

Courses offered under this rubric will vary year to year. Meets the Critical Perspectives: Quantitative

Reasoning requirement. (Not offered 2015-16).

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 2015-16).

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 — Burns, Lang, Thomas

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 — Burns, Cervantes, Hilt, Thomas

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 — DiCenzo, Thomas

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

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 2015-16).

Prerequisite: Physics 261.

1 unit

PC270 Readings in Physics:

Directed readings in selected areas of physics with discussions and written reports.

.5 to 1 unit

PC308 Introductory Geophysics

Applications of physics to the study of Earth structure from crust to core. Seismology, magnetism, gravity, and geodesy. Explores history of Earth's formation, current geologic and tectonic problems, and uniqueness of interpretation issues. (Not offered 2015-16).

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 203.

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 — Thomas

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 2015-16).

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 2015-16).

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 203.

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 203.

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 — Burns

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 — Burns

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 2015-16).

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

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. (Not offered 2015-16).

Prerequisite: Physics 251, 261.

1 unit

PC370 Readings in Physics:

Directed readings in selected areas of physics with discussions and written reports.

1 unit

PC391 Investigations in Physics:

Independent experimental and/or theoretical practice-research in areas such as nuclear magnetic resonance, geophysics, atomic physics, non-linear dynamics, and astrophysics. Affiliation with a staff member for work as an apprentice researcher in the area of his or her interest. As many as four units of Investigations may be taken for credit.

Prerequisite: consent of instructor & Physics 251, 261.

1 unit — Burns, DiCenzo, Lang

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. (Not offered 2015-16).

1 unit

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 2015-16).

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 — Burns

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. (Not offered 2015-16).

Prerequisite: Physics 251, 261 or consent of instructor Must be completed prior to 462.

.25 to .5 units

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 2015-16).

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

Political Science Website (<http://www.coloradocollege.edu/academics/dept/politicalscience/>)

Professors CRONIN, FULLER, HENDRICKSON, R. LEE, LINDAU; Associate Professors GOULD, E. GRACE, PRICE-SMITH (chair); Assistant Professors COGGINS, MCKENDRY, WITTMER, YASUDA; 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 Political Science Department

I. Introductory

The department offers courses in four sub-fields: American Politics, Political Theory, Comparative Politics, and International Relations. The College Catalog 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 political science department 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.)

Prerequisite: No credit after 103.

1 unit — Cronin

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 2015-16).

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.

2 units — Fuller, Simons

PS123 Race in America: A Conversation

(Not offered 2015-16).

.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.

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 — Coggins, Cronin, Wittmer

PS203 Topics in Politics:

.5 or 1 unit — Alters, Coggins, Cronin, 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 2015-16).

.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 — Derdzinski, Hendrickson

PS210 The Law & Social Justice

Analysis of significant and controversial Supreme Court decisions on issues such as racism and the legacy of slavery, school desegregation, affirmative action, gender discrimination, sexual harassment, the right to an abortion, criminal law, freedom of speech, and the separation of church and state. (Not offered 2015-16).

1 unit

PS211 Women, Government and Public Policy

Examines the relationship between women, government, and public policy -- with the primary goal of understanding how politics is gendered. Topics include the 'waves' of feminism, how female lawmakers navigate the electoral and legislative arenas, and the role of gender in public policy.

1 unit — Wittmer

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 2015-16).

.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 2015-16).

1 to 3 units

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 — Derdzinski, 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 2015-16).

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 2015-16).

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 — Derdzinski, Lindau, Yasuda

PS242 Conservatism & Liberalism

Examination of leading conservative and liberal thinkers in America since 1945.

1 unit — Fuller

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

1 unit

PS254 Democracy & Justice

(Not offered 2015-16).

.5 unit

PS265 Religion and Politics

Difficulties in determining the proper relations between religion and politics continuously provoke heated debate within American politics. This course examines a variety of philosophic approaches to the problem. We begin with a careful consideration of the classical liberal democratic solution of separating church and state, and then turn to a variety of contemporary alternatives - from moderate revisions to radical criticisms. (Not offered 2015-16).

Prerequisite: Cannot be taken after Political Science 270.

1 unit

PS270 Liberty & Equality

Explores the question whether there is a fundamental justification for democratic rule by analyzing diverse defenses and critiques of the claims that democracy is founded on the truth of human equality and best provides for individual liberty.

Prerequisite: No credit if Political Science 298 is taken.

1 unit — Grace

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 2015-16).

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 (Not offered 2015-16).

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

PS290 Foundations of Political Thought

Examines the origins and development of political theory from Plato to Machiavelli. (Not offered 2015-16).

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 2015-16).

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? (Not offered 2015-16).

1 unit

PS301 Europe and its Governments:

A comparative study of the political systems and political cultures of selected European countries with consideration of the history and prospects of European Union.

1 unit — Lee

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 2015-16).

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. (Not offered 2015-16).

1 unit

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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. Meets the Critical Perspectives: Global Cultures requirement. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

.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 2015-16).

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 2015-16).

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

PS322 Russia & the World

(Not offered 2015-16).

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 2015-16).

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 2015-16).

1 unit

PS325 Conduct of American Foreign Policy

An examination of the conflict zones of the contemporary international system, with typical focus on East Asia, the Middle East, and Europe.

Prerequisite: Either Political Science 101, 103 or 104 or consent of instructor.

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 2015-16).

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 2015-16).

1 unit

PS330 Colloquium in History and Politics

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 — Gould, Monroy

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. (Not offered 2015-16).

1 unit

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.

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 2015-16).

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: 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/Idealism and 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

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 2015-16).

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 — McKendry

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 2015-16).

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 2015-16).

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 150 (or 151 and 152).

1 unit — Gould, 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. (Not offered 2015-16).

Prerequisite: consent of instructor or Political Science 200.

1 unit

PS402 Independent Research in Political Science

A project normally organized around preparation of a substantial paper. Proposed and carried out at student initiative, under supervision of a department faculty member, in an area in which the student has already completed basic course work. (May also be listed as North American Studies 402 if emphasis is on Canada.)

.5 unit — Price-Smith

PS403 Independent Study:

1 unit — Gould, Price-Smith

PS404 Tutorial in American Politics

Prerequisite: consent of instructor.

1 unit — Coggins, Wittmer

PS408 Tutorial in Political Theory

May be taught as a block course or as an extended format year-long course. (Not offered 2015-16).

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 — Lindau

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. (Not offered 2015-16).

Prerequisite: consent of instructor.

.5 to 1 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.

2 units — Price-Smith

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 — Smith, Yasuda

PS490 Political Economy Distinction Thesis

Optional for majors in American Political Economy and International Political Economy, upon application to, and approval of, the departments of Political Science and Economics and Business. (Must be taken in conjunction with Economics 491 for a total of 2 units.)

1 to 2 units

Psychology

Psychology Website (<http://www.coloradocollege.edu/academics/dept/psychology/>)

Professors ERDAL, HORNER, JACOBS, ROBERTS (chair); Associate Professors CHAN, DRISCOLL, WATERS; Assistant Professor HOLMES; Visiting Professors MARTIN, WEAVER.

Consistent with the liberal arts tradition, the Psychology Department at Colorado College is dedicated to providing an academic program that helps students develop the necessary skills and knowledge for

achieving an intellectually enriched life, preparing them for both graduate studies and professional work. The Psychology Department provides broad coverage of academic psychology, emphasizing empirical research 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

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 CC's course catalog.)

Required Courses

A minimum of 12 courses over 13 blocks are required to complete the major - Ten (10) courses from within the Psychology Department and two (2) courses from outside the department. These courses are listed below.

Current course offerings can be found on Course Schedules on the Academics page.

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 PsychologyOR..... **PY374** Lifespan Developmental Psychology

D) **PY332** Learning and Adaptive BehaviorOR..... **PY344** Cognition

+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 Seminar Courses (chosen from the following):

PY409 Social Cognition

PY412 Neuropsychology

PY413 Developmental Psychopathology

PY417 Advanced Neuroscience Seminar

PY420 Cognitive Ethology

PY421 Perception

PY422 Emotion

PY423 Psychology of Morality and Conflict

PY426 Sport Psychology

PY427 Moral Reasoning in Context

PY430 Adolescence

PY433 Neuropharmacology

PY435 Behavioral Game Theory

PY437 Evolutionary Psychology

PY441 Remembering

PY449 History of Psychology

5. **ONE** Block (at least) of Final Project

PY451 Final Project (additional blocks possible: PY452, PY453)

6. **ONE** Mathematical Competency Course:

MA126 Calculus

Advanced Placement (AP) and/or International Baccalaureate (IB) credit may be used to fulfill the Calculus requirement.

7. **ONE** Scientific Breadth Course

Any non-Psychology Natural Sciences Division course.

Natural Sciences Division: **Biology**, **Chemistry**, **Geology**, **Mathematics**, **Physics**, or **Sport Science** (not including adjunct certification courses).

Some courses in Environmental Science and the Studies in the Natural Sciences may fulfill this requirement. The courses in EV that do not fulfill this requirement include any policy course or course that fulfills a social science credit. The courses in Studies in the NS that do not fulfill this requirement include any course that fulfills Social Science or Humanities requirements.

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 first or second year.

Second and Third Years

Completing **PY202** allows access to required courses: **PY362**, (PY309 or **PY374**), (**PY332** or **PY344**).
Completing PY297 allows access to optional core course PY298.
Recommended: Complete all five core courses during the second and third year.

Fourth Year

400-level seminars generally require an intro course, **PY202**, and an additional core course Recommended:
Take **400-level** seminars during the fourth year.

PY451 Final Project requires an Intro and **PY202** 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 — Holmes, Horner, Jacobs, Martin

PY101 Introduction to Psychology: Enduring Ideas and Present Principles

Psychological concepts traced from Plato, Aristotle, Hippocrates, through the Middle Ages, and Renaissance, to the 19th and 20th centuries. Current psychological data and theory, ranging from brain mechanisms to learning, motivation, cognition, personality and social psychology. (Meets the laboratory/field requirement for the natural sciences.) (No credit if taken after 100.) Meets the Critical Perspectives: Scientific Investigation of the Natural World lab or field requirement.

Prerequisite: No credit if taken after 100.

2 units — Holmes, Roberts

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 2015-16).

1 unit

PY109 Social Psychology

(Not offered 2015-16).

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 2015-16).

Prerequisite: First Year Experience Course.

2 units

PY116 Cultural Psychology

Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2015-16).

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 2015-16).

Prerequisite: Psychology 100 or 101 or 111 or consent of instructor.

1 unit

PY151 Readings in Psychology

Independent readings in areas of psychology with close faculty supervision; designed for non-majors.

Prerequisite: 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 — Daly, Holmes, Roberts

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 2015-16).

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 2015-16).

.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 — Driscoll, 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 2015-16).

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

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 2015-16).

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 2015-16).

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

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 — Waters

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. (Not offered 2015-16).

Prerequisite: Psychology 100. Psychology 362 recommended or consent of instructor.

.5 unit

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. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. Meets the Critical Perspectives: Scientific Investigation of the Natural World requirement.

Prerequisite: Psychology 202.

1 unit — Weaver

PY409 Social Cognition

An examination of three important areas of social cognition: (1) basic cognitive processes such as automatic perception, and schematic versus controlled thinking; (2) stereotyping and prejudice from the perceivers' and targets' perspectives; (3) social cognitive processes related to culture, power and well-being. (Not offered 2015-16).

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. (Not offered 2015-16).

Prerequisite: Psychology 202, 297 and 298.

1 unit

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 2015-16).

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

PY421 Perception

A research based analysis of perceptual processes including vision, audition, the skin senses, pain, and the integration of these processes. Emphasis will be placed on psychophysical methods, experimental techniques used to investigate perception, and changes in perception over the lifespan. Lecture, discussion and laboratory. (Not offered 2015-16).

Prerequisite: Psychology 202 or declared Art Major with at least 5 courses in Art or consent of instructor.

1 unit

PY422 Emotion

An in-depth exploration of the scientific research on emotion, paying particular attention to new theoretical frameworks, and new experimental investigations into the nature of emotional experience and expression.

Prerequisite: Psychology 202, 281 or 309, or consent of instructor.

1 unit — Roberts

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 2015-16).

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 2015-16).

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. (Not offered 2015-16).

Prerequisite: Psychology 202, 3 core courses in PY.

1 unit

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 2015-16).

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 2015-16).

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

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 2015-16).

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 2015-16).

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, Holmes

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, Erdal, Jacobs, Waters

PY453 Final Project

In depth exploration of a particular topic under the supervision of a faculty member. A final project may take several forms: (a) supervised independent research leading to a publishable paper, (b) a review of the literature to address a particular issue, or (c) directed field study.

Prerequisite: consent of instructor & Psychology 202.

1 unit — Driscoll

Religion

Religion Website (<http://www.coloradocollege.edu/academics/dept/religion/>)

Professor COLEMAN (chair); Associate Professors GARDINER, WRIGHT; Assistant Professors PREMAWARDHANA, REAVES; Lecturer CORIELL; Professor Emeritus WEDDLE; Visiting Associate Professor SHAW; Visiting Lecturer 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 Judaism, 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 and with Feminist and Gender 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 Religion Department will consider giving students credit for courses taken abroad, but we do not typically award more than 1-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. (Not offered 2015-16).

1 unit

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 2015-16).

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 2015-16).

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

RE190 Indigenous Religious Traditions

A thematic introduction to the study of religious beliefs and practices in indigenous communities that explores issues of land, ceremony and identity in contemporary native cultures. The course requires a week-long visit to a native community which combines critical academic analysis with experiential engagement and reflection. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2015-16).

1 unit

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 — Balogh, Gardiner, Premawardhana, Reaves

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 2015-16).

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 2015-16).

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 2015-16).

1 unit

RE208 Religion and Ritual

1 unit — Hautzinger

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 2015-16).

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.

1 unit — Reaves

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 2015-16).

1 unit

RE231 Philosophy of Religion

An examination of critical questions philosophers raise about religious claims and a consideration of how religious thinkers respond to those criticisms. Topics of discussion include religious experience, arguments for God, problem of evil, ideas of immortality. (Not offered 2015-16).

1 unit

RE232 Religion in Africa

Explores the intricacies and interactions of indigenous, Islamic, and Christian traditions in sub-Saharan Africa. Seeks to interrogate assumptions--about personhood and power, religion and magic, tradition and modernity--that have long precluded understanding African societies in their own contexts and on their own terms. Readings drawn from history, anthropology, and fiction. Meets the Critical Perspectives: 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.

1 unit — Wright

RE281 Religious Poetry in Asia

Poetic traditions in China and Japan and in Indian and Tibetan Buddhism. Topics will include poetry as an expression of the heights and depths of religious experience, as a vehicle for spiritual growth, and as a literary form of prestige and power. We will look at poetry of liberation by early Buddhist nuns, praises of transcendent wisdom by Tibetan spiritual virtuosos, links between verse and painting in China, and the relationship between Japanese haiku and Zen aesthetics. Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Gardiner

RE291 Black Religion in America

Studies in the religious life of African-Americans from the 17th century to the present. Particular attention to religious organizations, theological formulations and experiential patterns of Black Americans and the relationship of those phenomena to American religious life in general. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

1 unit

RE292 Wilderness & Spirit

An examination of the notion of wilderness in religious traditions as a location for encountering and fostering spirit. The course includes off-campus experiential learning opportunities. (Not offered 2015-16).

1 unit

RE300 Topics in Religion:

1 unit — Coleman

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 2015-16).

Prerequisite: Two courses in Religion or consent of instructor.

1 unit

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 2015-16).

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 2015-16).

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

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

Prerequisite: Religion 170 or consent of instructor.

1 unit

RE372 Seminar in Buddhist Philosophy

An in-depth treatment of important themes, or textual traditions, in the history of Buddhist thought. Examples might include topics such as karma, death and rebirth, compassion, or possibly a body of writings from a particular author or Buddhist school. (Also listed as Asian Studies 372.) (Meets the Critical Perspectives: Diverse Cultures and Critiques requirement.) (Offered in alternate years.) Prerequisite: RE 170 or COI. 1 unit - Gardiner. Meets the Critical Perspectives: Global Cultures requirement.

Prerequisite: Religion 170 or consent of instructor.

1 unit — Gardiner

RE391 Shamanism(s)

A critical examination of shamanic experience in diverse locations, time periods and cultural settings. Tied to the larger question of the nature of religious experience/experiences, the course investigates shamanic practices through current interpretations of historical traditions and recent neo-shamanic movements. The course includes a week of off-campus study, opportunities for experiential learning and independent research. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2015-16).

Prerequisite: Two Religion courses.

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

RE406 Senior Thesis

1 unit

Russian and Eurasian Studies

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

[Sociology Website \(http://www.coloradocollege.edu/academics/dept/sociology/\)](http://www.coloradocollege.edu/academics/dept/sociology/)

Associate Professors GIUFFRE, MURPHY-GEISS (associate chair), POPKIN, W. ROBERTS (chair), WONG; Assistant Professor MUNOZ; Visiting Instructor SMITH; Riley Scholar-in-Residence DANTZLER

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](#)), Art and Society ([SO105](#)), Inequality ([SO107](#)), Gender Inequality ([SO112](#)), Racial Inequality ([SO113](#)), 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 (6 credits) [recommended timeline indicated in brackets]

- [SO228](#) Social Theory [2nd year; no later than 3rd year]
- [SO229](#) Sociological Research Design [2nd year; no later than 3rd year]
- Either [SO301](#) Quantitative Research Methods or [SO302](#) Qualitative Research Methods [3rd or 4th year]
- At least one 300-level theory intensive course (taken after SO228 has been completed)
- [SO450](#) Senior Thesis (2 credits) [4th year]

Electives (5 credits)

- We recommend taking at least three of the five electives at the 200- or 300-level.

For more information on the major, contact [Professor Wade Roberts](#).

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, Thomas

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.

1 unit — Giuffre

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 2015-16).

1 unit

SO109 Social Psychology

(Not offered 2015-16).

1 unit

SO112 Gender Inequality

How sex roles shape our experiences. Sources and consequences of the differences between males and females. Biological differences, cross-cultural patterns, socialization processes, participation in the economy and the family. Possibilities for and consequences of changing sex roles. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Munoz, Thomas

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 2015-16).

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.

1 unit — Giuffre, Hilberry

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. (Not offered 2015-16).

1 unit

SO120 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 students. (Not offered 2015-16).

Prerequisite: consent of instructor.

1 unit

SO130 Environmental Sociology

The relationship between human societies and their natural and built environments. Topics may include the social construction of nature; the relationships between capitalism, materialism, and environmental degradation at local and global levels; urban development and growth; environmental racism; environmental justice and activism; the politics of environmental regulation and resource management; and the prospects for environmental sustainability. Meets the Critical Perspectives: Social Inequality requirement.

1 unit — Roberts

SO152 Engaging the Global: Health, Development and Citizenship

This quarter-unit adjunct course surveys multiple aspects of global engagement, including global health, sustainable development, and global citizenship. Introduces students to relevant academic debates about each of these domains of global practice and the broader moral and ethical context of global engagement, focusing on issues of responsibility, accountability, and community participation. Meets weekly over the course of a semester (Not offered 2015-16).

.25 unit

SO157 Beyond Development: Andean Social Movements and Their

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not

offered 2015-16).

1.5 units

SO190 Topics in Sociology

Examination of a variety of sociological issues and problems. Topics will vary from year to year depending on the interests and expertise of the faculty.

1 unit — Dantzler II, Smith

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 2015-16).

Prerequisite: Any 100-level Sociology or Religion course or consent of instructor.

1 to 2 units

SO228 Social Theory

Introduction to the foundations of sociological theory from the 18th through the 21st centuries. Explores individual theorists and schools of thought and their interrelations. Emphasis on connections between theory and substantive areas of sociological research.

Prerequisite: Any 100-level Sociology course or consent of instructor.

1 unit — Giuffre, Smith, Thomas

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

SO230 The Media

Examination of the media as an American institution with emphasis on newspapers, movies, and television. How organizational routines affect what is produced, the issues of the construction of reality, hegemony and socialization. The media as a mobilizing force and expression of community voices. The transformation of the media in the age of zines and the Internet. (Not offered 2015-16).

Prerequisite: Any 100-level SO course or consent of instructor.

1 unit

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 2015-16).

Prerequisite: Sociology 229 or consent of instructor.

1 unit

SO234 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 role in political parties and governments, education, health and the effect of international agreements on women's status. (Also listed as WS 234.) (Not offered 2015-16).

Prerequisite: One 100 level SO course.

1 unit

SO235 Sociology of Family

An exploration of the social history of the American family, from its extended kinship form through the development of the nuclear family ideal, to the more varied forms existing in contemporary society. Emphasis is placed on how gender and race structure relationships within the family as well as the family forms themselves. Meets the Critical Perspectives: Social Inequality requirement.

Prerequisite: Any 100-level SO course or consent of instructor.

1 unit — Munoz

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 2015-16).

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 2015-16).

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 2015-16).

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 Sociology of Developing Countries

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. (Meets the AP:B requirement.) May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2015-16).

Prerequisite: Any 100-level SO course or consent of instructor.

1 unit

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

SO258 Contested Masculinities

This course draws on feminist theory, institutional analysis and sociohistorical study to consider masculinity's meanings and practices. Male power, male pain and group-based differences among men are examined. A specific topic (sports, war/the military, social change movements, individual violence, religion) is covered in depth to assess how men sustain, resist and recreate available forms of masculinity. Requirements include an original research project. Our goal is to understand masculinity's power in shaping society and our power to reshape masculinity. (Also listed as Women's Studies 258.) (Not offered 2015-16).

Prerequisite: Any 100 level SO course or consent of instructor.

1 unit

SO265 Immigrant Communities in Colorado

The changing demographics of front range communities in Colorado and the socio-economic conditions that generate poverty will be examined as a case study of immigration theory. The increasing diversity of Colorado Springs, Denver, and Pueblo, due in part to high levels of immigration particularly from Latin America, creates new challenges for the city including the provision of adequate housing and social services and racial and ethnic integration in public schools and other institutions. This community based learning course offers students the opportunity to volunteer with a local organization serving immigrants. Particular emphasis will be placed on student

teaching of English as a Second Language classes to recently arrived immigrants. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

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

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.) (Not offered 2015-16).

Prerequisite: Any 100-level SO course or consent of instructor.

1 unit

SO290 Advanced Topics in Sociology:

A more specialized examination of a variety of sociological issues and problems. Topics will vary from year to year depending on the interests and expertise of the faculty.

Prerequisite: Any 100 level SO class or consent of instructor.

1 unit — Dantzler II, Smith, Thomas

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-Quantitative Research Methods.

Prerequisite: 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 229 or consent of instructor.

1 unit — Smith

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 2015-16).

Prerequisite: Any 200-level Sociology course and 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.

.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 2015-16).

Prerequisite: Any 200-level SO course or consent of instructor.

1 unit

SO314 Sociology of Culture

Examines the social base for cultural institutions, for constructing cultural meanings and for producing both high and popular culture. Cultural institutions as seats of both power and conflict. The impact of cultures and subcultures on identity formation. The response of cultural institutions to the rise of postmodernity.

Prerequisite: Any 200-level SO course or consent of instructor.

1 unit — Giuffre

SO316 Development and Underdevelopment in Africa

Explores the social organization of development and underdevelopment in Africa. Issues covered may include: the role of nongovernmental organizations (NGOs) in failed and weak state contexts; obstacles to political development and institution building; inequality and structures of global economic integration; the politics and impact of international aid; the critical status of women and

their place in development; the impact of and organizational response to AIDS; the origins, impact, and resolution of civil conflict. Field study component entails extra expenses for students and requires an enrollment limit of 10 students (expandable depending on field site logistics). (Not offered 2015-16).

Prerequisite: Any 100-level SO course 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: Any 200 level SO course 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

Prerequisite: consent of instructor (taught in France).

1 unit — Murphy-Geiss

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

Prerequisite: Any 200-level Sociology course or Consent of Instructor.

1 unit — Munoz

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: consent of instructor & at least 1 200-level SO course. Must be taken as a block course or yearlong for 1 unit, or over 4 blocks for 1/2 unit.

1 unit — Giuffre

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: consent of instructor & at least 1 200-level SO course. Must be taken as a block course or yearlong course for 1 unit, or over 4 blocks for 1/2 unit.

.5 to 1 unit

SO345 Research Topics in Sociology:

1 unit

SO370 Modernity & Postmodernity

Examination of modern world views and forms of social organization. Consideration of whether current processes of socio-cultural and political-economic change signify a transition to a new postmodern epoch. The revolution in information technology, the increasing centrality of consumerism, globalization and the decline of the nation-state, the politics of identity, and the rediscovery of civil society. (Not offered 2015-16).

Prerequisite: Any 200-level SO course 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: consent of instructor & Major & Sociology 301 or 302. May be arranged any 2 blocks 1-7.

1 unit — Giuffre, Munoz, Murphy-Geiss, Popkin

SO451 Senior Seminar

Advanced study of a topic of sociological significance.

Prerequisite: Sociology 450.

1 unit — Popkin

Southwest Studies

Southwest Studies Website (<http://www.coloradocollege.edu/academics/dept/southweststudies/>)

Associate Professor PERRAMOND (director); Assistant Professor GUERRA; Distinguished Lecturer and Legal Scholar-in-Residence KANNAN; Visiting Assistant Professor McCORMACK

Southwest Studies examines the region of the greater Southwest through a variety of lenses, encouraging students to see the complexity that diverse people have created in a specific place. 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 techniques, students will learn to observe and analyze places and people and to use these skills to solve real problems.

- **A Brief Description of the Major and Minor**

Director and Program Faculty: Associate Professor Eric Perramond (Southwest Studies and Environmental Program).

Program Faculty: Assistant Professor Santiago Guerra (Southwest Studies).

Visiting Faculty: McCormack (Geography and American Indian Studies), Rios (Anthropology).

Interdisciplinary Faculty: Arroyo-Rodriguez (Spanish), Cornelius (History), Cucher (English), Ebersole (Biology), Gomez (Anthropology), Heschel (Biology), Hilt (Physics), Kannan (Environmental Program), Kelso (Biology), Leonard (Geology), Levine (Music), Leza (Anthropology), Linkhart (Biology), Monroy (History), Montaña (Anthropology), Premawardhana (Religion), Snyder (Biology), Tucker (Art).

Major Requirements

A major in Southwest studies requires a minimum of 13 units and a maximum of 15 units.

- Geography “core” course: (1 unit) SW272
- Language requirement: Spanish 201 or equivalent
- Two appropriate methods/theory courses: (2 units) (many of these have prerequisites), AN215; CO300; CO391; EN250; EV222; EV228; FG311; HY399; MU393; PS321; SO229; SW301 or others by petition
- Four (4) units of electives from approved list: Students should choose electives that prepare them for their senior projects (see program advisors for current list)
- Junior research seminar: SW395; *Prerequisite*: Southwest studies major (or minor), junior standing, or consent of instructor. 1 unit
- Senior capstone project: SW400–401; *Prerequisite*: COI - 6 units in the major and approved methods course - 2 units (1 unit for SW400 and 1 unit for SW401)

Minor Requirements

A minor in Southwest studies requires a minimum of 7 or a maximum of 8 units including:

- FYE/SW175 or SW272
- Spanish 101 or equivalent (2 units)
- Four (4) units of electives from approved list (see program advisors for current list)

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 2015-16).

.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 — Levine, Tucker

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 2015-16).

.25 unit

SW128 Introduction to Global Climate

(Not offered 2015-16).

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 2015-16).

.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.

1 unit — Hilt

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 2015-16).

1 unit

SW175 The American Southwest: An Introduction

An interdisciplinary and multicultural introduction to the Greater Southwest: its physical settings, histories, peoples, cultures, conflicting ethnic demands and common problems. By using a variety of materials that may include anthropological, artistic, geographical, historical, and literary approaches, the course examines the region we call the Greater Southwest over time and space, concluding with research into current concerns. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. Meets the Critical Perspectives: The West in Time requirement.

Prerequisite: Freshmen Only.

2 units — Guerra, McCormack

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 2015-16).

.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 2015-16).

.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 2015-16).

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 — Cucher, Guerra, Levine, Leza

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. (Not offered 2015-16).

Prerequisite: Biology 105.

1 unit

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 2015-16).

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 2015-16).

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 — 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 2015-16).

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 2015-16).

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.

1 unit — Cornelius

SW217 American Frontiers

(Not offered 2015-16).

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 — McCormack

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 2015-16).

1 unit

SW230 Native Americans Under Federal Law

The most influential external force that has shaped the status and culture of contemporary Native Americans has been federal law. The course examines these laws and Supreme Court decisions that led to the forced removal of Native Americans, established trustee doctrine, imposed assimilation policy, allocated land and natural resources, and changed the system of government for Native American tribes. We consider current efforts by Native Americans to enforce the laws that were enacted to protect their interests but which have been ignored for centuries. Focus is in the Southwest including current litigation over water rights in Colorado, land in New Mexico, and hunting and fishing rights in much of the region. No prerequisites. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2015-16).

1 unit

SW237 Latino Immigration and Urban Change

(Not offered 2015-16).

1 unit

SW239 History of Mexico

(Not offered 2015-16).

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 2015-16).

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 2015-16).

1 unit

SW250 Regional Studies:

(Not offered 2015-16).

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.

1 unit — Cucher

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. (Not offered 2015-16).

1 unit

SW258 Native Peoples of the Southwest

Provides the fundamental building blocks to understanding the distinctive differences between the major Native Nations of the Southwest including language and culture, respective colonization and resistance experiences, identity and cultural vitality, gender and social roles, and expressive culture and representation. Readings may include ethnographic, ethno-historical, biographical, and linguistic works, as well as critiques of the study of Native peoples by Native scholars. Field Trip Possible. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Leza, McCormack

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 2015-16).

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 2015-16).

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.

1 unit — Monroy

SW272 Nature, Region and Society of the Southwest

Social and natural science methodological frameworks and approaches to regional studies, centered on the Greater Southwest. Geographic and regional research techniques, including GIS, field methods and air photos. Includes an independent project and off-campus fieldwork.

Prerequisite: Required for Southwest Studies majors.

1 unit — Perramond

SW273 Southwestern Arts & Culture

Introduces interdisciplinary methods of analysis and interpretation in Southwestern expressive media including music, dance, oral literature, drama, visual arts, and material culture. Selected genres and styles of Native American and Latino expression are explored within their cultural and historical contexts. Introduces central issues in Southwestern expressive culture, such as cultural performance, symbolic communication, creativity and social process, acquisition of artistic competence, gender roles, tourism and commodification, authenticity, representation and appropriation, intellectual property rights, and repatriation of expressive media. (Not offered 2015-16).

1 unit

SW275 The American Southwest: The Heritage and the Variety

An interdisciplinary and intercultural introduction to the American Southwest: its histories, peoples, cultures, conflicting ethnic demands and common social problems. Through the use of a variety of anthropological, historical, and literary materials, the course examines the major Southwestern cultures in isolation and in relation to one another. (Not offered 2015-16).

Prerequisite: No credit after FS/SW 175.

1 unit

SW280 Topics in Literature: The Nature Essay (w/Emp on Wrt

(Not offered 2015-16).

1 unit

SW291 Southwest American Indian Music

Music and culture of Southwest American Indians, with emphasis on Pueblo and Athabascan peoples. Considers origin narratives, cosmology, ritual drama, dance, and other aesthetic modes as related to Southwest Indian musical performance. Addresses traditional as well as new music. This course meets the ethnomusicology requirement for the music minor. No prerequisites. Meets the Critical Perspectives: Global Cultures requirement. (Not offered 2015-16).

1 unit

SW300 Advanced Topics in Southwest Studies

Selected topics related to the Southwest taught at an advanced level. Content and prerequisites will vary from course-to-course. (Not offered 2015-16).

.5 to 1 unit

SW301 Political Ecology of the Southwest

Surveys the geographic, historic, and political diversity of Southwestern livelihoods and cultural strategies. Highlights the struggles and problem solving efforts of local-regional peoples in changing ecological and economic conditions. Uses political ecology as a framework and lens for understanding nature-society problems and solutions. Multi-day-off-campus field trip. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2015-16).

1 unit

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 2015-16).

Prerequisite: Anthropology 111 or consent of instructor.

1 unit

SW308 Topics:

(Not offered 2015-16).

1 unit

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 2015-16).

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. (Limited to 14 students.) (Not offered 2015-16).

2 units

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 2015-16).

Prerequisite: Anthropology 102 or consent of instructor.

2 units

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 2015-16).

1 unit

SW339 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. (Not offered 2015-16).

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 2015-16).

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 to 1 unit

SW395 Junior Research Seminar

A seminar for third-year students, organized around a common set of Southwest readings with coverage of inter-disciplinary research methods, and designed so that majors can complete a research proposal to carry out in their senior capstone project. Special attention to regional or area studies as an organizing principle for the courses.

Prerequisite: Majors & Minors Only.

1 unit — Guerra

SW400 Senior Capstone Project:

Independent research project based on field or archival research to be done in consultation with two faculty members. A proposal for the project would need to be approved by Faculty Advisory Committee by the end of the junior year.

Prerequisite: consent of instructor & Southwest Studies 175, 272, 273, 3 units from approved SWS course list & required methodology course.

1 unit — Guerra, Perramond

SW401 Senior Capstone Project:

(Not offered 2015-16).

Prerequisite: Southwest Studies 175, 272, 273, 3 units from approved SWS course list & required methodology course.

1 unit

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 2015-16).

1 unit

SW530 Native Americans Under Federal Law

(Not offered 2015-16).

1 unit

Spanish & Portuguese

Spanish & Portuguese Website (<http://www.coloradocollege.edu/academics/dept/spanish/>)

Professor: C. Lomas (Chair); Associate Professor: A. Marinescu; Assistant Professors: D. Arroyo-Rodriguez, C. Ruiz, N. Wood; Riley Scholar: L. Rosa-Rodriguez; Visiting Professors and Instructors: I. Robyn, P. Tala-Ruiz, 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. Student 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 2015-16).

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 — Alkofer, Bizzarro, Robyn

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 — Garcia Fernandez

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 — Garcia Fernandez

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, Robyn, Rosa Rodriguez, Ruiz

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 — Garcia Fernandez

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 — Garcia Fernandez

SP209 Spanish Theater Workshop

Participation in performance and production of a Spanish-language play, presented in Spanish. Rehearsal time 6-8 weeks. (Not offered 2015-16).

.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.

Prerequisite: Spanish 201 or equivalent or placement at the 300 level.

.5 unit — Arroyo-Rodriguez, Ben-Amots, Slayden

SP301 Review of Language with Emphasis on Civilizations and Cultures of the Spanish-speaking Regions

Prerequisite: Spanish 201.

.25 unit — Garcia Fernandez

SP302 Review of Language with Emphasis on Civilizations and Cultures of the Spanish-speaking Regions

Prerequisite: Spanish 201.

.25 unit — Garcia Fernandez

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. (Not offered 2015-16).

Prerequisite: 201 or equivalent.

1 unit

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 — Alkofer, Arroyo-Rodriguez, Robyn

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, Robyn, Ruiz, Wood

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 — Arroyo-Rodriguez, Ben-Amots

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 2015-16).

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 — Lomas

SP316 Topics in Hispanic Literature and Culture*Prerequisite:* Spanish 306.

1 unit — Alkofer, Rosa Rodriguez, 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 2015-16).

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. (Not offered 2015-16).

Prerequisite: Spanish 306.

1 unit

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.

Prerequisite: Spanish 306.

1 unit — Wood

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 2015-16).

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 2015-16).

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 proseminar basis. Taught in Mexico when offered. (Not offered 2015-16).

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 2015-16).

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 — Rosa Rodriguez

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 2015-16).

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.) GPAs.

1 unit

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 2015-16).

1 to 2 units

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.

Prerequisite: consent of instructor.

1 unit — Wood

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.

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 2015-16).

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 2015-16).

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 2015-16).

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. (Not offered 2015-16).

Prerequisite: Portuguese 101.

1 unit

PG320 Topics in Lusophone Culture

Study of culture, genres, art film or literature of one or more Portuguese-speaking countries or region (Not offered 2015-16).

1 unit

Theatre and Dance

Theatre and Dance Website (<http://www.coloradocollege.edu/academics/dept/theatredance/>)

Professor LINDBLADE; Associate Professors MANLEY, DAVIS-GREEN, WOMACK (chair); Assistant Professors KEDHAR, PLATT, GOODWIN; Adjunct Associate Professor AMES. Lecturer HERMINJARD. Part-time Faculty MERCER; Department Coordinator QUINN; Technical Director MARTIN; Assistant Technical Director HAMILTON; Costume Shop Supervisor AVRAMOV; Guests in Theatre and Dance ARONSON, AVRAMOV, KOMINZ, JULES, LASMAWAN, GOUDIABY, PLAZA, ECKWALL, KANOUSE, RIKER and DOBSON,

In theatre and dance, students learn fundamental practical skills, including acting, design, and dance technique in preparation for advanced seminars and studio courses that combine theatre, dance, and theatrical design. Along the way, both seasoned majors and first-time performers have plenty of chances to perform in productions. In the classroom, we introduce a diverse body of knowledge that incorporates classics of dramatic literature and dance history 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 units for the major:

- Six units required from Principal Courses: TH105 Acting 1; TH110 Fundamentals of Performance Design; TH206 Directing; TH303 Junior Seminar; TH304 Advanced Performance; TH404 Senior Thesis Project.
- Two units from Historical Perspectives: TH220 Origins and Early Forms of Theatre; TH221 Medieval and Renaissance Theatre; TH222 Romantic, Commedia and Neoclassic Theatre; TH223 Modern Theatre; TH224 Contemporary Performance 1950–Present.
- One unit from Intercultural Perspectives: TH 229 Rewriting America: Playwrights & Cultural Identity.
- 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 Course.
- .25 unit Acting in a Department production: any one from TH212, 213, 214, 215 Theatre Studio Work/Acting (.25 unit each).
- .75 unit in Technical Theatre: choose from TH101 & TH 102: 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. Theatre majors are urged to take at least one unit in dance that will not count towards the units required for the major. Please consult the online Handbook for Theatre and Dance Majors for further clarification of the major.

<https://www.coloradocollege.edu/academics/dept/theatredance/documents/THEATREDANCEhandbook2013.pdf>

DANCE

Dance majors must complete a minimum of 13 units in the major:

- Six units required from Principal Courses: DA110: Fundamentals of Performance Design; DA211: Historical Perspectives in Dance; DA221: Choreography; 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.
- One elective block unit: Choose from any Theatre/Dance Course.
- 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,); .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, QiGong)
- One unit elective dance studio adjuncts.
- .25 unit of dance performance for DanSix: Block 6 mainstage production. DA425 or TH214.
- .75 unit in Technical Theatre: Choose from DA/TH101 & Th 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 clarification of the major. <https://www.coloradocollege.edu/academics/dept/theatredance/documents/THEATREDANCEhandbook2013.pdf>

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 and Early Forms of Theatre; TH221 Medieval and Renaissance Theatre; TH222 Romantic, Commedia and Neoclassic Theatre; TH223 Modern Theatre; TH224 Contemporary Performance 1950-Present.
- One unit from Intercultural or Interdisciplinary Perspectives: Th 229 Rewriting America: Playwrights & Cultural Identity.
- One Elective: at the 300 level in Theatre & Dance. See schedule of courses to choose from our many

diverse course offerings: www.coloradocollege.edu/catalog

- Theatre minors must complete an approved Junior or Senior Integrative Project: that is either appended to TH 303 Junior Seminar, TH 304 Advance Performance, TH 326-329 Interdisciplinary courses, or TH 404 Senior Thesis.
- .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 minor must complete a minimum of 6.5 units in the minor.

- Three units required block courses: DA221: Choreography, DA211: Historical Perspectives in Dance, DA311: Cultural Perspectives in Dance.
- One unit Dance adjunct courses: 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); *Contemporary Practices* (Contemporary Dance Technique at 200-400 level, DS224: Improvisation); *Intercultural/Community-based Dance* (DS218/19: African Dance, DS231/32: Hip-hop, DS234/35: Capoeira, DS236: Samba, DS320: Hip-hop II, DS334: Capoeira II)
- 25 unit 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. 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.
- One elective block unit: The remaining elective unit may be chosen according to individual interests in dance theory, theatre or design courses.
- Integrative project: Dance minors must also complete an approved junior or senior integrative project that is either appended to DA303, DA304 or DA311 or DA404: Senior Thesis.

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 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 is begun.

Courses

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 or 2 units — Lindblade, Platt

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 — Aronson, 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

TH108 Fundamentals of Technical Theatre

Basic technical theatre - its vocabulary, theory, and application - and its relationship to sets, lights, and costumes. Computer use for technical theatre, safety parameters, and basic board operation. Laboratory requirement: Participation in one stage production. Limited to 14. (Not offered 2015-16).

Prerequisite: Requires participation in one stage production.

1 unit

TH109 Fundamentals of Theatrical Design

Basic theatrical design - its vocabulary, drafting, theory, and application - taught in a historical and practical approach. Scene, lighting, properties, makeup, and costume designs will be covered. Computer use for theatrical design, including WYSIWYG, MiniCad, and Sound Forge. Laboratory requirement: Participation in one stage production. Limited to 14. (Not offered 2015-16).

Prerequisite: Requires participation in one stage production.

1 unit

TH110 Fundamentals of Performance Design

Emphasizes the collaborative nature of 3-dimensional live performance design, its vocabulary, theory and application with a focus on aesthetic integration. Combines artistic practice with critical inquiry to engage simultaneously in creative development and analysis. Class projects introduce students to research, visual analysis, sketching, model making, and presentation skills. Historical and current performance design trends. No prior experience in theatrical productions expected.

1 unit

TH200 Topics in Theatre:

Courses offered by resident and visiting faculty on specialized topic areas, including theatre history, dramatic literature, dramatic theory, and film.

.5 or 1 unit — Avramov, Goodwin, Krzych, Lindblade

TH201 Origins and Early Forms of Theatre

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 2015-16).

.25 to 1 unit

TH202 Medieval and Renaissance Theatre

A study of theories about the 'rebirth' of theatre during the Middle Ages, tracing its development throughout Renaissance Europe, with special emphasis on Elizabethan England. (Not offered 2015-16).

.25 to 1 unit

TH203 Romantic, Commedia, and Neoclassic Theatre

A survey of Western theatre from the English Restoration through German Romanticism, culminating with the advent of realism throughout Europe. Studies will include the work of Racine, Corneille, Goethe, Schiller, Buchner, Gozzi, Goldon and the innovators of modern stage practice. (Not offered 2015-16).

1 unit

TH204 Modern Theatre

A study of 20th-century movements in playwriting and theatre practice. Topics will include realism (Ibsen, Strindberg, Chekhov) and the revolts against it, such as the work of Brecht, Artaud, Pirandello, and various artists of 'alternative' theatre. (Not offered 2015-16).

1 unit

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 2015-16).

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 2015-16).

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 2015-16).

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. (Not offered 2015-16).

Prerequisite: Theatre 110 or consent of instructor.

1 unit

TH211 Speech Arts

Introduction to public speaking and oral interpretation of literature. Limited to 18.

1 unit — Plaza

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 — 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 — Goodwin, 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. (Not offered 2015-16).

.25 unit

TH215 Theatre/Acting Studio

Studio work in technical theatre, or studio work in acting; required for the major. Students will earn technical theatre credit for work done on a specific departmental production over a span of 2 blocks. Subheading indicates type of work and title of the production.

.25 unit — Lindblade, 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 2015-16).

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 — 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 2015-16).

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)

1 unit — Lindblade

TH224 Contemporary Performance 1950-Present

Using an interdisciplinary arts approach, investigates varied performance aesthetics, theory and practices of the later 20th and early 21st century with a focus on the American experience, new and disenfranchised voices, and hybrid genres in the arts. Considers perspectives in music, dance, directing, multimedia, and of theorists and playwrights. Disillusionment of the post-WWII era, voices of protest, agitation/propaganda, performance art, and identity politics; Gay, Lesbian, Bi-sexual and Transgender performance, race relations, and the feminist aesthetic. May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement.

1 unit — Platt

TH226 The Plays of August Wilson

Investigation of the works of leading African-American playwright August Wilson, considering his texts' socio-historical economic, musical, folk, cultural, and poetic influences. (Not offered 2015-16).

1 unit

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.

1 unit — Goodwin

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.

1 unit — Goodwin

TH230 African American Theatre

Examines the history of African American performance traditions, texts, and forms including autobiographies and slave narratives as performance and protest vehicles to minstrelsy and vaudeville. Study of contemporary musical tradition, and modern text driven works from individual performance to company productions, political nationalism and the Black Arts Movement to choreo-poems and hip-hop performance. Through specifically selected playwrights, theatre artists and institutions the course will explore cultural and ethnic identities that are an integral part of the American cultural landscape. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

1 unit

TH231 African Theatre

Survey of a broad range of works from the Griot-driven oral tradition and pre-colonial theatrical offerings to documented traditional African indigenous performance--community festivals, seasonal rhythms and religious ritual presentations, dance and masquerade. Examines texts, spoken and drummed/musical languages of performance, post-colonial theatrical traditions, 'concert party' theatre, puppetry, South African anti-apartheid theatre and contemporary adaptations of Western 'classics' in ways that will help comprehend the complexity, richness, and diversity of theatre across the African continent. Meets the Critical Perspectives: Global Cultures requirement. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

1 unit

TH232 Asian Theatre

The history of theatre and performance in selected Asian countries including, China, Japan, Indonesia, India and Vietnam. Explores the traditional styles of Chinese opera, Bunraku, Noh, Kabuki, Kyogen, Indonesian shadow/puppet plays, Vietnamese water puppetry and Sanskrit drama. Combines these with the practice of song, dance, puppetry and mask traditions and techniques as well as performance structure and content to help frame their resonances, representations, differences and similarities by country, culture and aesthetic from original sources to and through contemporary performance(s). Meets the Critical Perspectives: Global Cultures requirement. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

1 unit

TH233 Asian American Theatre

Explores the history and contributions of Asian American Theatre artists to contemporary American theatre. Navigating issues of race, gender, class, sexuality and 'cultural origin,' explores the significance of these issues and place them in significant historical, political and theoretical contexts. Examines the works and contributions of modern American authors and companies including David Henry Hwang, Chay Yew, Philip Gotanda, Jeannie Barroga, Velina Hasu Houston, Pan Asian Repertory Theatre, Theatre of Yugen, East-West Players, and Asian American Theatre, to identify major themes and genres that contribute to cultural identity, community and frame an Asian American experience. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

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 2015-16).

1 unit

TH300 Topics in Theatre:

Courses offered by resident and visiting faculty on specialized topics.

1 unit

TH303 Junior Seminar: Collaborative Practices

Activates theoretical and practical aspects of creative collaboration between drama and dance majors and also among artistic disciplines. Studies include immersion in performance theory, aesthetic philosophy, and collaborative strategies to create an integral final group public performance. Collaboration and collision through a process of experimentation and rehearsal to discover which elements (visual, kinesthetic, audio, textual, temporal, and spatial) lend themselves to a unified event in performance. DA 110/DR 110, DA 211, and DA 221 recommended.

Prerequisite: consent of instructor.

1 unit — Platt

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. (Not offered 2015-16).

Prerequisite: Dance Theory 221 or consent of instructor.

1 unit

TH305 Acting 2: Intermediate

Developing and furthering the skills from Acting 1 with an emphasis on intensive scene work that will focus on a wide range of contemporary playwrights. Work will culminate with a public presentation of scenes. Limited to 18. (Not offered 2015-16).

Prerequisite: Drama 105.

1 to 3 units

TH307 Lighting Design

History, theory, and practice of lighting design for the stage. Script analysis, drafting, plotting, and color theory. Laboratory required: participation in one stage production. Limited to 15. (Not offered 2015-16).

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. (Not offered 2015-16).

Prerequisite: Theatre 217 or consent of instructor.

1 unit

TH325 Independent Study in Theatre and Dance:

Work in special fields in Drama and Dance appropriate to the needs and/or interests of qualified students.

Prerequisite: Consent of Instructor.

1 unit — Lindblade, 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 2015-16).

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 2015-16).

1 unit

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 2015-16).

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 2015-16).

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 — Goodwin, 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 2015-16).

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 2015-16).

.5 to 2 units

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.

2 units — Lindblade, 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 2015-16).

.5 unit

DA107 Art, Spectacle, and Society

Examines the rise of spectacle culture in social events, popular culture, and mass media in the United States, such as Burning Man, Mardi Gras, Las Vegas, Halloween, carnivals, freak shows, professional wrestling, historical reenactments, fantasy cons, zombie walks, flash mobs, cult films, and mega-churches. Uses readings by Richard Schechner and Victor Turner to introduce fundamental concepts from the field of performance studies, including ritual, theatre, and play. Additional texts by scholars such as Joseph Roach, Umberto Eco, and Guy Debord are used to critique the role of race and gender in late capitalism and to identify the potential for performance as a form of political resistance. Students may expect frequent short field trips and participatory assignments. (Not offered 2015-16).

1 unit

DA110 Fundamentals of Performance Design

Emphasizes the collaborative nature of 3-dimensional live performance design, its vocabulary, theory and application with a focus on aesthetic integration. Combines artistic practice with critical inquiry to engage simultaneously in creative development and analysis. Class projects introduce students to research, visual analysis, sketching, model making, and presentation skills. Historical and current performance design trends. No prior experience in theatrical productions expected (Not offered 2015-16).

1 unit

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 — Herminjard

DA200 Topics in Dance:

Courses offered by resident and visiting faculty on specialized topics.

1 unit — Kedhar

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 — Kedhar

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 2015-16).

.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 2015-16).

.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.

.25 unit — Herminjard, Martin

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 2015-16).

.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 2015-16).

.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

DA225 The Body in Motion: Anatomy, Kinesiology and Somatics

Basic study of anatomy and kinesiology coupled with somatic practices such as Yoga, Feldenkrais and Laban Movement Analysis to develop one's movement potential. Additional study of philosophical and critical discourses theorizes the relationship of mind to body to further contextualize scientific understandings of how the body moves. (Not offered 2015-16).

1 unit

DA228 Experimental and Expanded Cinema

Experimental and Expanded Cinema Examines alternative approaches to cinema developed after 1960 by independent filmmakers and interdisciplinary artists working with animation, puppetry, video, performance, and installation. Uses readings by scholars such as P. Adams Sitney, Steven Shaviro, and Laura Marks to explore the visual and tactile qualities of film, the relationship between mainstream and experimental cinema, and social attitudes towards new technologies. (Not offered 2015-16).

1 unit

DA230 Video Dance

Introduction to creating dance specifically for the video medium, also known as video dance. Investigates ways that choreographers might use video technology as a creative tool. Aspects include production of video, audio, and choreography with the aim of fusing these elements.

1 unit — Herminjard

DA300 Topics in Dance:

Courses offered by resident and visiting faculty on specialized topics.

1 unit — Womack

DA303 Junior Seminar: Collaborative Practices

Activates theoretical and practical aspects of creative collaboration between drama and dance majors and also among artistic disciplines. Studies include immersion in performance theory, aesthetic philosophy, and collaborative strategies to create an integral final group public performance. Collaboration and collision through a process of experimentation and rehearsal to discover which elements (visual, kinesthetic, audio, textual, temporal, and spatial) lend themselves to a unified event in performance. DA 110/DR 110, DA 211, and DA 221 recommended.

Prerequisite: consent of instructor.

1 unit — Platt

DA304 Advanced Performance:

Investigation of choreographic theories and practices with an emphasis on interdisciplinary inquiry. Topics include: Advanced Choreography, Site-specific Performance, Installation and Performance, Choreographies of Editing, Community and Performance. Can be repeated for credit to fulfill one elective requirement within the major. (Not offered 2015-16).

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 — Kedhar

DA325 Projects in Dance:

Work in dance appropriate to the needs or interests of qualified students. (Not offered 2015-16).

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 2015-16).

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 2015-16).

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

DA332 TechnoPerformance

Practical implementation of technology in contemporary performance production. Critical analysis of the history of technology and interactivity in performance. Creation of original performance work using a variety of media within a variety of venues: video, animation, sound, music, dance, theatre, storytelling, spoken-word, and/or any representation of self or virtual self. Work will be presented as site-specific pieces, as performance installations, as online performances, and in traditional venues. (Not offered 2015-16).

1 unit

DA400 Topics in Dance:

Courses offered by resident and visiting faculty on specialized topics. (Not offered 2015-16).

1 unit

DA404 Senior Thesis

Advanced work in theatre and/or dance culminating in performance, written thesis, major creative or choreographic work, scenic or lighting design, or other work appropriate to the discipline. Proposal must be approved at the end of the Junior year by the department faculty. Offered in blocks 1-7 of the senior year.

Prerequisite: Consent of Department.

1 unit — Kedhar

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 2015-16).

.25 to 1 unit

DA425 Dance Repertory

Development of performance and rehearsal techniques through choreographic forms. Repertory works from faculty, labanotation scores, or guest choreographers will be set on students for performance. (Not offered 2015-16).

Prerequisite: consent of instructor.

.25 to 1 unit

Dance Studio

DS101 Tai Ji

(Not offered 2015-16).

.25 unit

DS105 Beginning Dance

Dance Technique Classes.

.25 unit — Mercer, Womack

DS106 Beginning Contemporary Dance

(Not offered 2015-16).

.25 unit

DS107 Beginning contemporary Dance

.25 unit — Herminjard, Mercer

DS108 Beginning Contemporary Dance

(Not offered 2015-16).

.25 unit

DS113 Beginning Ballet

(Not offered 2015-16).

.25 unit

DS114 Beginning Ballet

(Not offered 2015-16).

.25 unit

DS115 Beginning Ballet

(Not offered 2015-16).

.25 unit

DS116 Beginning Ballet

(Not offered 2015-16).

.25 unit

DS133 Beginning Modern Jazz

(Not offered 2015-16).

.25 unit

DS205 Intermediate Contemporary Dance

(Not offered 2015-16).

.25 unit

DS206 Intermediate Contemporary Dance

(Not offered 2015-16).

.25 unit

DS207 Intermediate Contemporary Dance

(Not offered 2015-16).

.25 unit

DS208 Intermediate Contemporary Dance

(Not offered 2015-16).

.25 unit

DS209 Dance Studio

(Not offered 2015-16).

.25 to 1 unit

DS210 Dance Studio: Choreography/Performance

Note on dance technique classes: Dance technique classes at Colorado College are developed to satisfy a wide range of student interest and expertise. Students who have never danced before will find that the Beginning Modern class is an appropriate level for them. This class will provide an introduction to various dance styles, improvisation, and expression in movement, while simultaneously developing an awareness and appreciation for anatomically correct movement technique. Beginning Ballet classes are recommended for students who have danced before and would like to continue in ballet, and for students who are taking more than one semester in dance. Improvisation classes are useful for students wishing to do work in choreography, or for students who are curious about spontaneous process. Improvisation is also open to music students who would like to work with improvisational forms. Tai chi classes are open to all students, and are particularly useful for athletes who need to develop strength, flexibility and mental concentration. Jazz classes are recommended for students who are interested in broadening their understanding of indigenous dance styles. Since students often come to Colorado College with more than a few years of dance training, we advise students to register for the class that they think is most appropriate to their level, with the understanding that the teacher may advise the student to change to a different class once the course is begun. (Not offered 2015-16).

.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 African Dance

(Not offered 2015-16).

.25 unit

DS219 African Dance

.25 unit — Goudiaby

DS223 Improvisation

.25 unit — Womack

DS224 Improvisation

(Not offered 2015-16).

.25 unit

DS226 African Dance Forms I

(Not offered 2015-16).

.25 unit

DS227 Bharata Natyam Dance

.25 unit — Kedhar

DS228 Bharata Natyam Dance

(Not offered 2015-16).

.25 unit

DS229 Balinese Dance

.25 unit — Lasmawan

DS230 Balinese Dance

Prerequisite: No cr for jazz alone; mst take concurrently w/other for 1/2 u.

.25 unit — Lasmawan

DS231 Hip Hop Dance

.25 unit — Jules

DS232 Hip Hop Dance

.25 unit — Jules

DS234 Capoeira

(Not offered 2015-16).

.25 unit

DS235 Capoeira

(Not offered 2015-16).

.25 unit

DS236 Samba

(Not offered 2015-16).

.25 unit

DS241 Somatic Practices:

Two-block adjunct course. .25 units. A variable topic practice course that explores the mind-body connection and therapeutic dimensions through embodied practices. Includes Yoga, Pilates,

Gyrotonics, Feldenkrais, Tai Chi, Qigong. (Not offered 2015-16).

.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 2015-16).

.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 — Coriell

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. (Not offered 2015-16).

.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.

.25 unit — Dobson, Kedhar, Riker

DS305 Intermediate/Advanced Contemporary Dance

(Not offered 2015-16).

.25 unit

DS306 Intermediate/Advanced Contemporary Dance

(Not offered 2015-16).

.25 unit

DS307 Intermediate/Advanced Contemporary Dance

(Not offered 2015-16).

.25 unit

DS308 Intermediate/Advanced Contemporary Dance

(Not offered 2015-16).

.25 unit

DS313 Intermediate/ Advanced Ballet

(Not offered 2015-16).

.25 unit

DS314 Intermediate/ Advanced Ballet

(Not offered 2015-16).

.25 unit

DS315 Intermediate/ Advanced Ballet

(Not offered 2015-16).

.25 unit

DS316 Intermediate/ Advanced Ballet

(Not offered 2015-16).

.25 unit

DS320 HipHop Dance II

(Not offered 2015-16).

.25 unit

DS321 Asian Dance Forms II

(Not offered 2015-16).

.25 unit

DS322 Asian Dance Forms II

(Not offered 2015-16).

.25 unit

DS333 Intermediate/Advanced Modern Jazz

(Not offered 2015-16).

.25 unit

DS334 Capoeira II

(Not offered 2015-16).

.25 unit

DS405 Advanced Modern Dance: Technique of Martha Graham

.25 unit — Herminjard

DS406 Advanced Contemporary Dance

.25 unit — Herminjard

DS407 Advanced Contemporary Dance

(Not offered 2015-16).

.25 unit

DS408 Advanced Contemporary Dance

(Not offered 2015-16).

.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

Advisors — CORIELL, HYDE, 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

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 (formerly Liberal Arts and Sciences/LAS)

Advisor — Associate Dean of the College EVITT

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.

- 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.
- 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.

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 or his 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

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.**

Race, Ethnicity, and Migration Studies

Affiliated Faculty— BANAGALE, CORIELL, GARCIA, GUERRA, GUESSOUS, HERNANDEZ-LEMUS, JOHNSON, KEDHAR, LEWIS, LEZA, LOMAS, MONROY, NAJI, RATCHFORD, SAWYER, STECKENBILLER, WHITAKER, WOOD

The Race and Ethnic Studies Program offers a minor. Students are encouraged to consult with race and ethnic studies faculty and with their faculty advisor in their pursuit of a race and ethnic studies thematic minor. 5 units minimum.

Minor Requirements

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 RES 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 RES 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 RES committee and evaluated by the director and a faculty advisor assigned to the student.

Courses

Race, Ethnicity, and Migration Studies

ES104 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 2015-16).

1 to 2 units

ES113 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 2015-16).

1 unit

ES120 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 2015-16).

2 units

ES130 World Music Ensemble: Mariachi Tigre

(Not offered 2015-16).

.25 unit

ES175 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 2015-16).

1 unit

ES182 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 2015-16).

1 unit

ES183 Community Organizations in the Southwest

(Not offered 2015-16).

.5 unit

ES185 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

ES200 Topics in Race and Ethnic Studies:

Selected topics in the critical study of race and ethnicity. May be taught as block or half-block course.

Also listed as Anthropology 208 and Anthropology 242 and Comparative Literature 200 and

Comparative Literature 352 and Dance Theory 200 and Dance Theory 311 and Education 255 and English 280 and English 286 and Feminist & Gender Studies 206 and Feminist & Gender Studies 211 and Feminist & Gender Studies 212 and Film and Media Studies 200 and Film and Media Studies 205 and German 211 and German 220 and German 320 and History 200 and History 206 and History 210 and Asian Studies 200 and Asian Studies 250 and Philosophy 203 and Philosophy 283 and Religion 200 and Religion 232 and Religion 243 and Sociology 190 and Spanish 316 and Southwest Studies 200 and Southwest Studies 214 and Southwest Studies 253 and Theatre 227 and Theatre 229.

.5 or 1 unit — Cucher, Garcia, Goodwin, Guerra

ES207 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.

1 unit — Ratchford

ES209 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 2015-16).

1 unit

ES210 Introduction to American Cultural Studies

Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

1 unit

ES212 Theories of Race and Ethnicity

Examines various theoretical and conceptual approaches to the study of race and ethnicity. Attention is given to the various ways race and ethnicity have been defined and understood including the ethnicity paradigm, class-based perspectives, and racial formation theory. Examines debates and controversies in the study of race and ethnicity as well as emergent themes and recent developments in the scholarship. Possible topics include a focus on the interrelations among race and other axes of difference such as gender, class, and sexuality, race and the structuring of space, the legal construction of race, race and media culture, and race and the prison-industrial complex. Meets the Critical Perspectives: Social Inequality requirement.

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

1 unit — Cucher, Sawyer

ES214 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 2015-16).

1 unit

ES215 Research Design: Method and Theory

1 unit — Leza

ES218 Introduction to Africa

(Not offered 2015-16).

1 unit

ES220 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

ES223 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 2015-16).

1 unit

ES224 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 2015-16).

1 unit

ES227 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 2015-16).

1 unit

ES239 History of Mexico

(Not offered 2015-16).

1 unit

ES241 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 2015-16).

1 unit

ES243 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

ES244 Black People in the U.S. 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.

1 unit — Ratchford

ES245 Martin Luther King, Jr. and Malcolm X

(Not offered 2015-16).

1 unit

ES250 Asian American Literature

(Not offered 2015-16).

1 unit

ES253 Literature of the American Southwest:

(Not offered 2015-16).

1 unit

ES267 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 2015-16).

1 unit

ES268 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.

1 unit — Monroy

ES273 Southwest Arts & Culture

(Not offered 2015-16).

1 unit

ES285 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 2015-16).

1 unit

ES290 Racial and Ethnic Identities (with Emphasis on Writing)

(Not offered 2015-16).

1 unit

ES300 Advanced Topics in Race, Ethnicity, and Migration Studies:

Meets the Critical Perspectives: Global Cultures requirement.

1 unit — Leza, Mehta, Sawyer, Singh

ES301 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. Afrofuturism and indigenous futurism. Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

Prerequisite: Race, Ethnicity, & Migration 312 or Consent of Instructor.

1 unit

ES306 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 2015-16).

1 unit

ES310 Anthropology and the History of Ideas

(Not offered 2015-16).

Prerequisite: Anthropology 102 or consent of instructor.

1 unit

ES321 Rio Grande: Culture, History and Region

May meet either the Critical Perspectives: Global Cultures or Social Inequality requirement. (Not offered 2015-16).

Prerequisite: Anthropology 102 or consent of instructor.

2 units

ES323 Minority Politics

A comparative analysis of the political experience and responses of major ethnic minorities and women to the American political process. (Not offered 2015-16).

1 unit

ES330 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

ES337 Latino Literature in the US

Comparative study of works of Chicano, Puerto Rican, and Cuban authors, as well as Latin American writers in exile in the United States, including political essays of Marti and Flores Magun and the contemporary works of Hinojosa, Mohr, Laviera, Rivera, Alegria, and Valenzuela. (Not offered 2015-16).

Prerequisite: consent of instructor or Spanish 306.

1 unit

ES339 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 2015-16).

1 unit

ES351 Advanced Topics in Race and Ethnic Studies

(Not offered 2015-16).

1 unit

ES370 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 2015-16).

1 unit

ES384 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 2015-16).

Prerequisite: consent of instructor.

1 unit

ES385 20th Century African-American Literature

Readings in black American writers such as W. E. B. Dubois, Ralph Ellison, Nella Larsen, and Rita Dove. Organized around aesthetic and cultural issues such as feminism, the 'anxiety of influence,' pressures of the marketplace, identity politics, and post-modern theory. (Not offered 2015-16).

1 unit

ES387 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 2015-16).

1 unit

Non-Departmental Studies

Film Studies

Professors BUTTE, SARCHETT, SIMONS; Assistant Professors HASKELL, NELSON

Film Studies is a program administered by the English Department. 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 (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.

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 — Butte, Hughes, 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. (Not offered 2015-16).

1 unit

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 — Krzych, Sarchett, Simons

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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

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. (Not offered 2015-16).

1 unit

FS305 Advanced Topics in Cinema:

Studies in a wide array of topics related to film history, theory, and genres. (Not offered 2015-16).

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. (Not offered 2015-16).

Prerequisite: Film Studies 212 or Film Studies 260 or Film Studies 240 and consent of instructor.

1 unit

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 — Butte

FS318 Advanced Topics in Filmmaking:

Work is specific genres or with specific techniques of film and video making for advanced students. (Not offered 2015-16).

Prerequisite: Film Studies 212 or equivalent.

1 unit

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 — Nelson

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 2015-16).

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 Topics in Bridge Programs:

Introduction to a liberal arts topic, covering source material in depth and stressing methodology, research, and writing. Two-week courses prior to start of fall term. Part of the entering first-year student Bridge Program; intended for incoming students who are first-generation college students or students who limited opportunities for advanced course work. (Not offered 2015-16).

.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.

2 units — Buxton, Cramer, Dobson, Erickson

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 2015-16).

.5 to 1 unit

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 2015-16).

.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 2015-16).

.5 unit

GS170 Rhetoric of Civil Rights

(Not offered 2015-16).

Prerequisite: First Year Experience Course. 1st Years Only.

2 units

GS198 Internship

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 or supervised work.

Prerequisite: Sophomore, Junior or Senior status & a proposal approved by the Registrar.

.25 unit

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 2015-16).

Prerequisite: consent of instructor.

.25 to 1 unit

GS201 Advanced Written Practice in English as Second Language, I

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.

.5 unit — Walter

GS202 Advanced Oral Practice in English as Second Language, II

Strengthening of oral fluency skills through pronunciation practice, vocabulary development, and review of idiomatic expressions and two-word verbs. Students will also participate in classroom discussions and oral presentations.

.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 2015-16).

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 2015-16).

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 2015-16).

.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.

1 unit

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

GS211 Understanding the Holocaust

(Not offered 2015-16).

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 2015-16).

1 unit

GS216 Introduction to Journalism

Basic skills of the discipline, focusing primarily on news, analysis, feature and editorial writing (including research, fact-checking, interviewing), but dealing also with editing, layout, journalistic ethics, libel laws.

1 unit — Alters, Eastburn

GS217 Practice in Journalism

Prerequisite: consent of instructor.

.25 unit — Eastburn

GS219 Mix Media Watercolor on Paper

(Not offered 2015-16).

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 2015-16).

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 2015-16).

1 unit

GS222 Special Topics:

Selected topics will be discussed and will vary from year to year.

1 unit — Alters, Chandrani, Drummond, Eastburn

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 2015-16).

1 unit

GS228 Human Sexual Behavior

Meets the Critical Perspectives: Social Inequality requirement. (Not offered 2015-16).

1 to 3 units

GS233 Topics in Journalism:

1 unit — Alters, Eastburn, Finley, Lindau

GS234 Issues in Contemporary Africa:

A survey of African history followed by discussion of current political, social, and environmental

issues in southern Africa.

1 unit — O'Riley, Wade

GS240 The 18th Century: Theatre, Music, Art, Science and Revolution

(Not offered 2015-16).

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, Whitemore, Borges and Calvino have employed scientific concepts. (May be offered with Emphasis on Writing.) (Not offered 2015-16).

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 — Larkin

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 judgement's 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 2015-16).

.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 — 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. (Not offered 2015-16).

Prerequisite: One of the following: Art History 100, Art History 112, Art History 113, Anthropology 101, Anthropology 102, Anthropology 103, History 105, Southwest Studies 175, or consent of instructor.

1 unit

GS280 Creative Writing, Science Writing, and River

(Not offered 2015-16).

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 2015-16).

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.

1 unit

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 — Giuffre

GS395 Peer Tutoring Practicum

Prerequisite: General Studies 300 or consent of instructor.

.5 unit — Santa

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. COI 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 — Chavez, Sartin

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 — Banagale, Giuffre, Hourdequin, McKendry

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 — Giuffre, McKendry, Riker

GS501 Liberal Arts and Sciences Institute:

(Not offered 2015-16).

2 units

GS552 Experienced Teacher MAT Capstone Seminar

(Not offered 2015-16).

.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 2015-16).

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 2015-16).

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 2015-16).

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 2015-16).

.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 2015-16).

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 2015-16).

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 2015-16).

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.

Prerequisite: First Year Experience Course. Must take both blocks for credit.

1 unit — Ragan, Tucker

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 2015-16).

2 units

HS202 Topics in Literature:

Block 1 Rilke. Block 2 Mythology & Media. (Not offered 2015-16).

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 2015-16).

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 2015-16).

.5 unit

HS218 Psyche and Symbol: The World of C

G. Jung. A basic introduction to the thought 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 transcendental function as it relates to the individuation process. Jung's belief that events of political violence are exteriorizations of unexamined inner conflicts will also be seriously considered. (Not offered 2015-16).

.5 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 2015-16).

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.

1 unit — Dobson

Thematic Minors

African Studies

Advisor — WADE

Minor Requirements

The African Studies minor is a five-unit, interdisciplinary approach to the study of Africa that must include at least one unit in Africa and a designated Integrative Experience Project.

Students must take at least one, but may earn no more than four, units in a study abroad program such as the ACM Botswana or Tanzania programs, in CC summer courses in Senegal or other African countries, or in any other approved study abroad program in Africa (see the [International Program's website](#) for a list of approved programs).

The remaining units are to be completed by taking on-campus Africa-related courses; therefore, at least one unit in the minor must be taken on-campus. Since the availability of these courses varies from year to year, students should consult with the African Studies advisor about which courses can be applied to the minor.

The Integrative Experience:

The integrative experience project may be completed in several ways, but in all cases in consultation with and by approval of the African Studies advisor. This project may be done as a final project during a four-unit study abroad program; this project may be a final paper submitted for an on-campus fifth unit Africa related course; other options are possible, but only with the approval of the African Studies advisor.

African-American Studies

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 and ethnic 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

Advisors — LEE, MURPHY, WRIGHT

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)

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

Advisor — Ericson

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)

[Central American Culture and Society \(an ACM Program\) Website \(Advisor — M. MONTAÑO\)](#)

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.

Cinema Studies

Advisor — SIMONS

Minor Requirements

An interdisciplinary approach to the study of cinema. 5 units minimum.

Option One: Students must choose five units among: FS215, FS315, GR210, FS205, GS220, FS212, FS312, FS318, FS284, HS205 (January half-block — when appropriate to film).

Option Two: 3 units from Option One and two courses which do not deal directly with cinema but which must be related, in some significant way, to at least one of the cinema courses listed in Option One. These courses should be chosen after consultation with the advisor for the minor.

The Integrative Experience

A paper dealing with some aspect of cinema, written in connection with one of the cinema courses taken in the minor or, for those two choose Option Two, with one of the non-cinema courses, OR a short movie or video project, accompanied by a paper discussing sources, influences, the way it was made, etc. Some explanation: There are many different contexts in which the relationship among the three linked courses — the one cinema course and the two courses in other disciplines — may be seen. In each of the examples below, more than two non-cinema courses have been listed, in order to suggest that the options under each cinema course would not be excessively limited. Cinema and 20th-Century History, Politics, or Society: Examples: GS220, EN263, SO224, AN293, MU205, FS205, AN219, HY258, HY268; Cinema In Relation to Other 20th-Century Arts: Examples: FS205, AH245, EN398, HS330, MU399, DR204; Cinema and Theories of Art and Language: Examples: FS105, AH112, DR100, EN301, FR306, GS208, PH209. No doubt many other courses would be appropriate in each of these lists, and, of course, there are still other cinema courses that would generate their own appropriate clusters.

Concepts of Human Nature

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

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

Advisors — BURNS, HOURDEQUIN

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

Advisors — GARCIA, HAUTZINGER, KEDHAR, LEWIS, LOSTROH, McENNERNEY, MEHTA, THAKUR, WATERS, WHITTEN, 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

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

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 1 of the 6 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. 1 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 4 weeks in length, and one that results in a final paper. Specific internship and paper requirements to be determined by faculty directors. 1 credit. (Note, we are currently in discussions with Summer Session about a possible internship offering.)
4. If options 1 through 3 do not apply, the student can apply to complete an independent study with a faculty member during senior year. 1 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 2 block course, it would only count as one requirement towards the minor.

India Studies (an ACM Program)

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

Advisor —

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.) 5 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

Journalism Website (<http://www.coloradocollege.edu/academics/dept/journalism/>)

Advisors — ALTERS, HENDRICKSON, PRENDERGAST

Minor Requirements

Investigation of the connections across disciplines that result in self-critical, intellectually responsible journalism. 5 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: GS233: Topics in Journalism (1 unit, but you may count more than one unit when different topics are offered. In 2013-14, GS233 courses include Reporting on Government and Journalism and the Public Sphere); EN286: Topics in Creative Writing: The Art and Craft of Narrative Nonfiction; GS222: Introduction to Television and New Media Theory; 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. The final written project should be designed by the student in with the minor advisor and course instructor(s).

Latin American Studies

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 One

Latin America in the Social Sciences and Humanities. Students must choose two units which focus on Mexico and Andean South America (Group A) and two units which focus on the Southern Cone (Group B). Courses which appear in both groups deal with aspects of both areas of Latin America.

GROUP "A": Mexico and Andean South America. AN203, AN207, AN211 (when topic is appropriate), AN236, AN237, AN238; EC337 (when topic is appropriate); HY110 (when topic is appropriate), HY224, HY238, HY335, HY410 (when topic is appropriate); PS336, PS338, PS342; SO116, SO158, SO247, PH283

GROUP "B": Southern Cone. AN211 (when topic is appropriate), AN236, AN237, AN238; EC337 (when topic is appropriate); HY110 (when topic is appropriate), HY224, HY236, HY238, HY340, HY410 (when topic is appropriate); PS335, PS342; SO116, SO247, PH283

When appropriate, additional summer courses and topics courses will count for the minor.

Category Two

Latin American Language (one unit). This minor requires upper-level Spanish or Portuguese. For Spanish, this would entail one 300-level course offered by the CC Spanish department; for an advanced Spanish or Portuguese course taken elsewhere, this would entail a minimum of one transfer credit, accepted by Colorado College.

Linguistics

Advisor — C. LEZA

Minor Requirements

The scientific study of language, encompassing structure, meaning, and use in contemporary societies as well as historical and evolutionary perspectives on human language. Students develop a basic understanding of the social and cognitive dimensions of language and the analytic tools of modern linguistics. Such a foundation has relevance for a wide range of studies, including cognition, artificial intelligence, comparative literature, language teaching, race and ethnic studies, and international studies. 5 units.

Category One

Students must take AN105, AN258.

Category Two

Students must choose any two of the following: AN256, AN260, AN262, AN311, AN312, AN360, AN361, AN372, AN208/209 or AN308/309 (only if the topic is related to language).

Category Three

The 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,

ED399, EN302, FG118, PC129, PH229, PY344, PY374. 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 the fifth course.

The Integrative Experience

A paper or research project, expanding on course work or undertaken independently, with the consent of the instructor, the student, and the minor advisor.

Medieval Studies

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

Advisers 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 & 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

Advisor — CRAMER

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

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 Theater
- 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

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

Advisor: LINDAU

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 Canada or Mexico 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

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 Theatre and Dance Department. Advisors: Davis-Green, Ames - a minimum of 5.5 units

CATEGORY #1: Foundations in Design and Art History: 2-units of design courses:

- TH 110 Fundamentals of Performance Design and one of the following:
- TH 207 Lighting Design
- TH 210 Intermediate Performance Design
- TH 218 Costume Design

One unit in Art History:

- AH 100 Great Monuments in Western Art History
- AH 111 History of Architecture
- AH 112 Introduction to Art History

(Note: courses are 2-block courses but only one unit counts toward the minor.)

CATEGORY #2: Interdisciplinary Electives: Select one OR two from two different areas –

- TH 240 Special Topics in Design
- TH 340 Advanced Topics in Design or TH 350 Design Practicum
- FS 205 Topics in 'cinema or FS 212 Basic Filmmaking
- AS 103 Introduction to Drawing
- AS 111 Fiber Arts
- AS 114 Introduction to three-Dimensional Arts or AS 116 Introduction to digital Practices
- GS 222 Special Topics

CATEGORY #3: Practical applications: .5 units in technical theatre.

TH101 Stagecraft practicum (.50 credit over 2 blocks connected with production) or two of the following:

- TH 212 Studio work in technical theatre and acting
- TH 213 Studio work in technical theatre and acting
- TH 214 Studio work in technical theatre and acting
- TH 215 Studio work in technical theatre and acting

Each class above is worth 0.25 units.

The Integrative Experience

One unit –TH 404 A final creative project appended to a 300-level design course or taken as an independent study.

Psychoanalysis: Theories of the Unconscious

Advisor: Professor DOBSON; Secondary Advisors — Professors LEE, 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.

The minor consists of 5 units, and a final minor paper, which may be completed in one of the courses, upon the approval of the advisors and professors involved, or may be taken as an independent study for one unit: HS 370.

The first three courses are to be chosen from among the following:

- **CL220/CO200 Myth and Meaning.** 1 unit — Dobson.
- **PY120/PH262/CO200 Psychoanalysis and Psychotherapy: Discovering the Unconscious.** 1 unit — Dobson.
- **PH325 Philosophy and Psychoanalysis.** 1 unit — Riker.
- **PH203/CO200 Contemporary Psychoanalysis.** (Taught in Chicago; extra expense \$\$\$.) 1 unit — Riker, Dobson.

A fourth and fifth course may be chosen from a number of related courses in the following disciplines. The fifth course may also be taken as the independent capstone course, HS 370, if the final minor paper is not completed within one of the other courses:

- **PH203/CO200 Psychoanalysis, Culture and Society.** (Taught in Chicago; extra expense \$\$\$.) 1 unit — Dobson, Riker.
- **PH203 Jacques Lacan.** 1 unit – Lee.
- **EN386 Joyce's Ulysses.** 1 unit — Simons.
- **PY160 Women and Madness.** 1 unit — Waters.
- **PY281 Personality.** 1 unit — Roberts.
- **PY362 Abnormal Psychology.** 1 unit — Erdal.

Other appropriate courses may be added or substituted with the approval of the minor advisors. Examples from 2011–12 are CL222/PH203 /RE200/CO220: Life of the Soul; CO220/GR320 Hermann Hesse and Psychoanalysis. CO200/EN280/PH203 Media and Psychoanalysis.

Race, Ethnicity, and Migration Studies

Affiliated Faculty: BANAGALE, CORIELL, GARCIA, GUERRA, GUESSOUS, HERNANDEZ-LEMUS, JOHNSON, KEDHAR, LEWIS, LEZA, LOMAS, MONROY, NAJI, RATCHFORD, SAWYER, STECKENBILLER, WHITAKER, WOOD

Minor Requirements

The Race and Ethnic Studies Program offers a minor. Students are encouraged to consult with race and ethnic studies faculty and with their faculty advisor in their pursuit of a race and ethnic 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 RES 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 RES 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 RES committee and evaluated by the director and a faculty advisor assigned to the student.

Renaissance Studies

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

Advisors — PERRAMOND, 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

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

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 Classics Department (in 2013-14 the first block counts, but not the second block of GS101 Freedom and Authority in a Perfect World), 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

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

Advisor — NEEL

Consideration of the past, present, and future of the written word in its material form from the perspectives of the disciplines of art, English, history, and religion.

Minor Requirements

Five units — one or more in at least three of the four constituent departments — chosen from among the following: AS226 (Book and Book Structure); AS313 (Special Studio Problems, when offered as Book Arts); AH200 (Topics, when offered with related focus); AH211 (Medieval Europe); AS345 Topics, when offered with related focus); HY200 (History and Future of the Book); HY105 (Civilization in the West, when offered as Cultures of the Book); HY275 (Renaissance and Reformation, when the major paper treats the history of printing); HY409 (Independent Study, when relevant); EN221 (Poetry); EN275 (Graphic Novel); EN282 (Beginning Poetry Writing, when printing projects are involved); EN286 (Topics in Creative Writing, (when printing projects are involved); EN286 (Topics in Creative Writing, when printing projects are involved); EN287 (Beginning Fiction Writing), when printing projects are involved); RE200 (when offered as Holy Books).

The Integrative Experience

A project completed in internship either at The Press at Colorado College, the college's galleries, or Tutt Library's special collections, arranged in consultation with the minor advisor and the college's printer, curator, or curator of special collections. This project may be an element of a course in the minor or undertaken outside of formal coursework or for-credit independent study in one of the contributing departments.

The Luso-Brazilian Studies

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 registrar's office.
- 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

Advisors: GIUFFRE, MCKENDRY

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)