College of Arts and Sciences

Mission
The College of Arts and Sciences is central to the instructional, research and outreach missions of The University of Alabama.

The college provides the fundamental liberal arts foundation necessary to the education of all UA students. It is dedicated to educating individuals based on the liberal arts philosophy of making each student a lifelong learner.

The college is committed to leadership in pedagogical innovation and the use of technology to further student learning. It values the traditional residential campus and is committed to providing an array of stimulating learning communities where students may grow personally and intellectually. The discovery and sharing of knowledge is at the heart of our enterprise. The College is committed to leadership in the creation, dissemination and application of knowledge and the preparation of future scholars. It accomplishes this by maintaining and enhancing both its nationally competitive faculty and its nationally ranked graduate and undergraduate programs.

Learning and quality of life are interrelated. As the state’s largest liberal arts college, the College of Arts and Sciences is central to the cultural, intellectual and social life on campus and in the community, state and region. It contributes fundamentally to the economic development of the state through teaching, creative activity, research and outreach.

The college holds to the principle that knowledge must serve humanity and the environment, and it is dedicated to global responsibility, justice and ethics.

Special Emphases
Learner-Centered College

The College of Arts and Sciences centers its considerable human and technological resources on the individual student and that student’s learning. In the Mathematics Technology Learning Center, students use computer-based instruction to learn at a pace suited to their individual needs. Technology used in other courses encourages active, not passive, interaction with course materials. The college seeks to educate self-reliant young men and women who know themselves and contribute significantly to their professions and communities.

Undergraduate Research and Creative Activity

Undergraduate students in the college have remarkable access to opportunities for research and creative activities under the guidance of faculty members. The opportunity to move from synthesizing information and ideas generated by others to creating new ways of knowing is a remarkable intellectual leap and one that many students in the College of Arts and Sciences take. The college sponsors undergraduate research days that encourage students to share their experiences.

Blount Undergraduate Initiative

Endowed by Winton and Carolyn Blount and assisted by many other donors, the Blount Undergraduate Initiative is a four-year program offering students in the College of Arts and Sciences a unique opportunity for an enriched liberal arts education in a lively and enjoyable community of scholars. All entering freshmen in the college, regardless of their academic interests, are eligible to apply for admission. With courses and other activities, the program emphasizes the connectedness of knowledge and the importance of faculty-student learning partnerships. See the Blount Undergraduate Initiative section of this catalog.

Interdisciplinary Study

Virtually all of the programs of study in the College of Arts and Sciences emphasize interdisciplinary study. Whether a student’s interest is American studies, studio art or biology, the ability to draw together learning from different fields, to integrate it and to use it later to analyze and solve problems in one’s profession, community and own life is the key characteristic of a liberally educated person. Interdisciplinary learning is especially important to students’ experiences in New College. New College seminars, which are open to all students, and the New College depth studies are hands-on experiences with interdisciplinary learning.

Learning Communities

Any sense that a student is “just a number” evaporates in a learning community. In the College of Arts and Sciences, these take different forms, with some being residential communities and others not, but all fuse common academic experiences with out-of-class community. The college emphasizes the importance of these, especially for freshman students.

International Education

Citizenship is global. As the College prepares students for citizenship, this is emphasized across the curriculum. While the College has strong language programs, including the unique Critical Languages program in which students can study many of the world’s diverse languages, global citizenship affects all of the disciplines. College of Arts and Sciences faculty lead many of the University’s summer study abroad programs and direct semester-long programs for students in the college.

Academic Exploration

Many students enter the College of Arts and Sciences undecided about their academic direction. Students are encouraged to explore the resources of the College and the University during their first several semesters in order to make informed choices. The University’s General Education Requirement, which includes every introductory course in the disciplines of the college, allows students to meet degree requirements while determining those fields of study that best fit with their talents and passions.

Pre-professional Preparation

Many College of Arts and Sciences graduates go on to medical school, law school, dental or optometry school, professional and occupational therapy programs or other health-related or professional studies. Arts and Sciences majors receive excellent preparation for all of these programs, and the College’s pre-professional advising program provides support. Student organizations, including Alpha Epsilon Delta, the pre-medical honor society, of which UA is the Alpha chapter, are also important parts of pre-professional preparation.

Undergraduate Degree Programs

Bachelor Degrees

The College of Arts and Sciences offers majors and minors in a variety of disciplines in the social and behavioral sciences, the natural sciences, mathematics, the humanities, fine arts and performing arts. The College offers programs of study leading to the following degrees: bachelor of arts (BA), bachelor of science (BS), bachelor of music (BM), bachelor of fine arts (BFA), bachelor of science in chemistry (BCh), bachelor of science in geology (BSG) and bachelor of science in microbiology (BMB).

Degree Requirements

General Education Requirement

Students must meet the general education requirement. All courses that carry the following general education designations are listed on The University of Alabama’s website and are usually displayed in each semester’s Schedule of Classes. Please consult the listings for each semester.

1. Freshman Composition (FC) – Six hours
2. Upper-level Writing (W) – Six hours: Writing-designated courses are 300- and 400-level courses usually completed in the student’s junior and senior years and most commonly in the major or minor. The writing requirement must be satisfied by courses taken at The University of Alabama.
3. Foreign Language (FL) and Computer (C) – Six hours: Each student completes one of the following options: Six semester hours in courses approved for the computer designation (such courses assume a working knowledge of the computer) OR two semesters or the equivalent in one foreign language. Students must earn grades of C- or higher in the first course of the two-semester sequence before enrolling in the second course.
4. Humanities (HU), Literature (L) and Fine Arts (FA) – 12 hours: To satisfy this requirement, each student completes the following: three hours of fine arts, three hours of literature, and six hours of other fine arts, literature or humanities courses. Each student must complete a six-semester-hour sequence in either literature or history. To satisfy the breadth of learning so crucial to general education, a maximum of six hours in any one department may be applied to the humanities, literature, fine arts, history and social and behavioral sciences requirements.
5. History (HI) and Social and Behavioral Sciences (SB) – 12 hours: To satisfy this requirement, each student completes the following: three hours of history and nine hours of other HI and SB courses.
6. Natural sciences (N) and Mathematics (MA) – 11 hours: To satisfy this requirement, each student completes the following: eight hours of natural sciences (including six hours of lecture and two hours of accompanying lab) and three hours of mathematics (the mathematics requirement must be satisfied with MATH 110 Finite Mathematics or higher).

All BS degrees must include Calculus I (MATH 125 Calculus I or MATH 145 Honors Calculus I), or a higher-level calculus course.
Students in Arts and Sciences degree programs may not apply CSM 116 as a core math (MA). Only courses with a MATH abbreviation may be used to fulfill this requirement. This rule also applies to students who may have taken CSM 116 while enrolled in another academic division but later transferred to A&S.

Major

Major Subjects of Specialization
Each student must have at least one major subject of specialization. See the listing for majors and minors available in the College of Arts and Sciences. Requirements for majors and minors can be found under academic departments.

Hours in the Major
Each major requires a specific number of hours that is specified in the description of the major in this catalog. A student may choose to take additional hours in the major, but the department cannot require more than the stated number. Students in degree programs requiring 120 hours may apply a total of 42 hours in a single discipline toward degree requirements. Courses specifically excluded from the major are not included in the 42 hours.

Residency in the Major
All students, including transfer students, must complete in residence a minimum of 12 hours at the 300- or 400-level in the major. Additional residency requirements are cited in this catalog.

Grade Point Average in the Major
Each student must earn a minimum grade point average of 2.0. A student’s major GPA is calculated in the following manner:

1. Calculation is based only on classes currently being used to complete major requirements.
2. Calculation does not include failed and repeated courses.
3. Calculation does not include classes in the major subject area that were taken over and above what is required to complete the major. Since these classes are not actually completing requirements, they are not taken into consideration.
4. When multiple classes can be used to complete a particular requirement, the class with the best grade will be used in the GPA calculation.
5. Both UA institutional coursework and transfer work will be used to calculate the major GPA.

Duplication of Coursework
The use of the same course to satisfy specific requirements in the major and minor is not permitted. However, courses that are used to satisfy General Education Requirements can be used to complete major or minor requirements. Ancillary courses required for the major may be used to satisfy requirements in the minor or in the second major.

Double Majors
A student may major in two subjects with the following provisions:

1. If the two majors lead to different degrees offered in the College of Arts and Sciences (BA, BFA, BM, BS or one of the designated degrees) or in another UA division, the student chooses which one of the degrees to receive.
2. A minor is not required, but one minor may be specified. Double minors are not permitted in combination with double majors.

Minor or Second Major
A minor or a second major is required for the majority of students. See the requirements for majors and minors as listed in this catalog.

Hours in the Minor
This catalog states the number of hours and the specific courses that are required for minors approved for students in the College of Arts and Sciences. A student may choose to take additional hours in the minor, but the department cannot require more than the stated number. Minors are subject to the same limitations on concentration of applicable hours as are majors.

Residency in the Minor
All students, including transfer students, must complete in residence a minimum of six hours at the 300- or 400-level in the minor. Additional residency requirements are cited in this catalog.

Grade Point Average in the Minor
Each student must earn a minimum 2.0 grade point average. A student’s minor GPA is calculated in the following manner:

1. Calculation is based only on classes currently being used to complete minor requirements.
2. Calculation does not include failed and repeated courses.
3. Calculation does not include classes in the minor subject area that were taken over and above what is required to complete the minor. Since these classes are not actually completing requirements, they are not taken into consideration.
4. When multiple classes can be used to complete a particular requirement, the class with the best grade will be used in the GPA calculation.
5. Both UA institutional coursework and transfer work will be used to calculate the GPA.

Duplicate of Coursework
The use of the same course to satisfy specific requirements in the major and minor is not permitted. However, courses that are used to satisfy General Education Requirements can be used to complete major or minor requirements. Ancillary courses required for the major may be used to satisfy requirements in the minor or in the second major.

Double Minors
Students may minor in two subjects, with the following provisions:

1. One minor may be selected from approved minors in other divisions.
2. There is no duplication of coursework used to complete the two minor programs or the major and minors.

Electives
Additional coursework to achieve 120 hours or more in the degree program is required.

Additional Expectations
These additional requirements are important to ensuring the liberal arts character of the degree program. The requirements set minimum standards for the degree, including the promotion of sufficient study at The University of Alabama, setting minimum standards of performance quality, establishing expectations for study at the advanced level and in liberal arts disciplines, and limiting the applicability of certain types of courses.

Catalog
All degree requirements are met under one catalog. This is usually determined by the catalog in effect at the time of the student’s first enrollment, but a student may change his or her catalog to a more recent one.

Residence in the College and in the Major and Minor
While enrolled in the College of Arts and Sciences, students must earn a minimum of 30 hours on this campus. A minimum of 12 hours in each major and six hours in each minor must be earned at the 300- or 400-level in residence.

Minimum Hours with 2.0 Grade Point Average

1. Each student must complete a minimum of 120 semester hours of coursework approved by the College of Arts and Sciences.
2. Each student must earn a minimum 2.0 grade point average on the total number of hours attempted, including all work at UA and all transfer work.
3. Each student must earn a minimum 2.0 grade point average on hours attempted at The University of Alabama.

36 Hours in 300- and 400-Level Courses
Each student in the College of Arts and Sciences must complete a minimum of 36 semester hours in courses at the 300 or 400 level. The 36-hour total includes the 300- and 400-level courses completed in fulfillment of major and minor requirements. Junior college credits are not considered advanced level.

90 Hours within the Disciplines of the College
All degree programs in the College of Arts and Sciences require at least 90 hours selected from A&S or related disciplines. Transfer courses in these disciplines apply to the completion of the 90-hour requirement.

Courses with the following prefixes count toward this requirement: AAST, AMS, ANT, ARB, ARH, ART, AS, AY, BSC, BUI, CH, CHI, CL, CD, CBH, CIP, CJ, CRL, CROA, CS, CZE, DN, DNCA, DUT, EC, EN, FA, FIN, FLC, FR, FRS, GS, GY, GEO, GN, GR, HEB, HIN, HY, HU, IHP, INDO, IT, JA, KOR, LA, MS, MATH, MDGR, MLC, MUA, MUS, NEW, NOR, PH, PHL, POL, POR, PSC, PY, REL, RUS, SAN, SOC, SP, SS, ST, SWA, SWED, TH, THAI, TURK, UA, UH, URDU, VIET, WS, WL.
Degree Credit for Activity Courses

A student may apply a maximum of four semester hours in activity courses toward graduation.

Activity courses include compass courses (AS 101 Freshman Compass Course: Arts & Sciences, AS 102 Compass: Arts & Sciences, AS 299 Junior Seminar, BCE 101 Freshman Compass: UA, GBA 145 Freshman Compass: CBA, HES 100 Freshman Compass Human Env Sci, NUR 102 Freshman Compass: Nursing, NUR 104 Liv Learning Prof Nursing Prac); study skills courses (. NEW 222 Academic Potential); leadership courses (AHE 450 Res Asst Leadership Devlp, HES 275 Leadership Develop Thru Serv); career exploration course (HES 251 Career Development/Planning); recreation courses (NEW 201 Recreation For Life); kinesiology activity and coaching courses (KIN 295 Workshop Athl Coach Educ, KIN 352 Psychology of Coaching, KIN 370 Coaching Soccer, KIN 381 Coaching Football, KIN 382 Coaching Basketball, KIN 383 Coaching Baseball, KIN 386 Coaching Volleyball, KIN 420 Issues in Athletics Coaching); and 100-level and 200-level military or Air Force studies courses.

Degree Credit for Upper-Division Courses in Military Science and Air Force Studies (MIL and AFS)

A student may apply toward graduation a maximum of 12 semester hours of credit in 300- and 400-level courses in military science (MIL) or Air Force studies (AFS).

Multiple Undergraduate Degrees

Students and former students interested in obtaining a second bachelor’s degree and currently enrolled students interested in earning concurrent degrees must adhere to several stipulations described in this section of the catalog. A student may only be awarded one degree with the same degree type (i.e., bachelor of arts, bachelor of science, bachelor of science in electrical engineering, etc.). For example, once a bachelor of arts is earned, a student may pursue a second major associated with a bachelor of arts but not a second bachelor of arts degree. In this example, the student could pursue a bachelor of arts in communication because the degree type is different.

Students are responsible for declaring their intent to pursue a second bachelor degree by filing an approval plan of study with the primary college of residency. To ensure appropriate advising, approval is obtained at a point when no less than 30 hours of course work remains for the completion of one or both degrees. Students are also responsible for re-filing updated plans of study if changes are desired.

For degrees in different colleges, students must establish one college as the primary college of residency. If program accreditation is a component of the degree program, then the primary college of residency must be the college of the degree program whose professional accreditation requires residency. The student must pay all fees and adhere to all requirements of each college, other than residency.

Students are responsible for filing a degree application for each degree sought according to the published degree application submission deadlines of the colleges and/or schools recommending the degrees and within the deadlines established by the Office of the University Registrar.

Concurrent Bachelor Degrees

Currently enrolled students are encouraged to pursue graduate level studies toward an advanced degree through the University Scholars Program in lieu of pursuing a concurrent bachelor’s degree. However, a currently enrolled student may earn two different bachelor’s degrees (i.e., a B.A. and a B.S.) concurrently. Both degrees do not have to be received in the same semester provided the concurrent degree plan of study was approved prior to the receipt of the first degree. Students pursuing concurrent degrees must adhere to the following provisions:

1. Each student must earn a minimum of 150 credit hours, including a minimum of 60 credit hours in residence.
2. Each student must complete all University, College, major and minor requirements for both degree programs. If more than one minor is required, only one must be completed.
3. Each student must fulfill all prerequisites and course requirements in the two different major fields.
4. Courses may be counted toward meeting the requirements in more than one area unless specifically prohibited by the academic departments and so stated in the catalog. However, credit for such a course cannot be applied toward both the total hours required for the first degree and the additional hours required for any additional degree.
5. A student who completes all requirements for two or more different degrees (e.g., bachelor of arts and bachelor of science) will be awarded multiple degrees and will receive multiple diplomas.

Second Bachelor Degree, UA Alumni

A student who has previously earned a bachelor degree from The University of Alabama and wishes to pursue further undergraduate work may complete an additional major and have it noted on the official transcript (with date of completion) OR earn a second degree if it is different from the first (i.e., a B.A. if the first degree was a B.S., and vice versa). This student must apply for readmission for the second degree and meet the following provisions:

1. Each student must earn a minimum of 30 additional credit hours in residence in the College of Arts and Sciences over and above any hours applied to the first degree.
2. Each student must complete all University, College and major requirements for the second degree in the catalog under which the student enters, or in a subsequent catalog.
3. Each student must fulfill all prerequisite and course requirements in the major field(s) for the second degree.

Second Bachelor Degree, Non-Alumni

A student holding a bachelor degree from a regionally accredited institution of higher learning may earn a second bachelor degree, in most instances, from The University of Alabama by fulfilling a specific set of requirements at both the College and University level. The student must apply for admission for the second degree and meet the following provisions:

1. Each student must meet all requirements for the second degree to include all course hours, grade point, ancillary, prerequisite and residency requirements specified by the degree program.
2. If a student holds a bachelor degree from a regionally accredited institution of higher learning, the University presumes all general education requirements have been completed. This presumption does not apply to ancillary requirements.
3. Each student must earn 25% of the degree requirements (a minimum of 30 additional credit hours for a 120 hour degree) in residence at The University of Alabama over and above any hours applied to the first degree.

Academic and Pre-professional Advising

Major and Minor Advising

A student entering the University who has an academic interest in one of the major programs of the College is encouraged to designate that field at admission. During their freshman year, all Arts and Sciences students are advised through the Student Services Center in 200 Clark Hall. At the end of the first year of enrollment, students who have declared a major are advised through their academic department and enjoy the benefit of faculty knowledge, advice and enthusiasm for their particular field of study. Each academic department has an undergraduate advising director and designates a specific faculty member to work with each student, individually. The student and adviser work together in planning the major and minor programs of study. Changes in coursework required for the major or minor program of study can be made upon the written recommendation of the departmental undergraduate director or chair. Such changes are reported to the College Registrar by the department for incorporation into the student’s record.

Acceptance for Major and Minor Programs of Study

The college expects students to declare a major by the fourth semester of full-time enrollment. Students should be familiar with the criteria for acceptance into particular programs and be prepared to meet those criteria. Students can declare a major by completing the Change of Major/Major Application online under the Student tab of myBama. Please note that some majors and minors may require auditions, special applications or permissions. Specific requirements for each major and minor are included in the program descriptions outlined in this catalog.

College Advising

Student Services Center
200 Clark Hall
studentservices@as.ua.edu
(205) 348-5970

The College of Arts and Sciences Student Services Center staff provides assistance to all of the college’s undergraduates. Services include academic advising for all students focused on College- and University-level requirements or on coursework necessary for law school or health careers. Specific services include: academic planning assistance, college-level scholarship programs, compass courses, degree applications and graduation certification, freshman learning communities, freshman and transfer student orientation, general information about academic policies and procedures, course articulation and equivalency, advising for study abroad, junior-year advising audits, living-learning communities, services for prospective students and newly admitted students, and special permissions to add or drop courses. Other services include: academic bankruptcy, change of division, schedule changes, and permissions to take overloads, to audit a class and to reconcile time conflicts.
In addition, the Student Services Center houses the College’s first-year advising program and programs of pre-professional advising for students interested in careers as health professionals (other than nursing) and those interested in studying law.

**First-year Advising Program**

200 Clark Hall  
(205) 348-5970  
premed.ua.edu  
premed@ua.edu  

The College of Arts and Sciences offers a First-year Advising Program. The mission of the First-year Advising Program is to have each student enjoy the resources and opportunities of the University and the college, take personal ownership of his or her academic career and graduate in a timely fashion. It is designed especially for freshmen students transitioning from high school to college. These students may enter the college as designated majors, or they may be pre-major students who wish to explore different academic interests while they make progress toward their degrees. Students who enter as pre-major studies complete general education requirements at the same pace as students who have decided on their interest areas. The First-year Advising Program offers academic advising, out-of-class programs and opportunities for study in a number of fields so that students may make informed decisions about their major field of study or choosing a field of study. This program works cooperatively with and encourages students to use the resources of the Center for Academic Success, the Writing Center, the Career Center, the Community Service Center, the departments of the college and other UA academic divisions. The First-year Advising Program is closely aligned with the college’s program of living-learning and learning communities.

**Health Professions Student Services**

200 Clark Hall  
(205) 348-5970  
premed@ua.edu  

The health professions advising program works with all students who are interested in pursuing careers in dentistry, medicine, pharmacy, physical therapy and other health professions fields except nursing.

**Pre-Dental Program**

A wide variety of programs may be planned that will fulfill specific requirements for admission to dental school and allow students to pursue their individual academic interests. Students preparing to enter dental school should consult the catalog of the medical school of interest early in their undergraduate careers in order to be informed of each school’s admissions requirements.

Although specific admission requirements vary, most dental schools require:

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<th>Course</th>
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<tr>
<td>BSC 114 Principles Of Biology I and Laboratory Biology I</td>
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<td>PH 101 or General Physics I or</td>
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<tr>
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<td>PH 125 Honors Gen Ph W/Calculus</td>
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<td>PH 106 General Physics W/Calc II</td>
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<td>PH 126 Honors Gen Ph W/Calculus</td>
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The pre-dental program adviser is the primary adviser for students who enter the University as pre-dental until they declare a specific major. After that, and for other students who have an interest in dentistry, the pre-dental adviser is available as a secondary source to assist specifically with issues related to dental school.

**Pre-Medical Program**

The pre-medical program advisers assist students in academic planning needed to meet the admissions requirements for medical school. The advisers also provide students with assistance in preparing for interviews, scheduling the MCAT, developing recommendations and submitting application materials. Student organizations, especially Alpha Epsilon Delta, are important parts of the pre-medical education of UA students. Information about these organizations can be obtained from the pre-med advisers.

Students interested in pursuing a career in medicine may choose from a wide variety of programs that will fulfill specific requirements for admission to medical school and allow them to pursue individual academic interests. Students preparing to enter medical school should consult the catalog of the medical school of interest early in their undergraduate careers in order to be informed of each school’s admissions requirements.

Although specific admissions requirements vary, most medical schools require the courses listed below. Most of these courses should be completed in the freshman and sophomore years:

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</table>

The pre-medical program adviser is the primary adviser for students who enter the University as pre-medical until they declare a specific major. After that, and for other students who have an interest in medicine, the adviser is available as a secondary source to assist specifically with issues related to medical school preparation.

**Pre-Pharmacy Program**

The College of Arts and Sciences at The University of Alabama offers prerequisite courses needed prior to admission to graduate programs in pharmacy. A student wanting to complete a doctoral degree in pharmacy in the minimum period of time should plan on transferring to a school of pharmacy after completing the required undergraduate courses, and he/she should begin the application process after the first or second year of undergraduate study. Some students apply for admission to a pharmacy program at a later stage, such as following the completion of an undergraduate degree, provided they have met appropriate admission requirements.

Registration in the freshman and sophomore years in the College of Arts and Sciences does not guarantee admission to the professional phase of a school of pharmacy. Enrollment in the professional phase is limited, and the student will be accepted in accord with his or her scholastic standing and aptitude for a career in pharmacy. An admissions committee makes final selection of students, and although there is no absolute, required grade point average, students accepted in recent years have approximately averaged a 3.5 GPA or higher on a 4.0 scale.
Because prerequisite courses vary considerably among pharmacy schools, and the requirements frequently change, the most prudent approach is to consult the websites of the pharmacy schools for the most recent required courses. American Association of Colleges of Pharmacy maintains a database of pharmacy schools, and the health professions advisers can also assist students with choosing appropriate undergraduate courses. Most pharmacy schools will require at a minimum:

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</tbody>
</table>

Each pharmacy school determines additional undergraduate course requirements.

The pre-pharmacy program adviser is the primary adviser for students who enter the University as pre-pharmacy until they declare a specific major. After that and for other students who have an interest in pharmacy, the adviser is available as a secondary source to assist specifically with issues related to pre-pharmacy.

Pre-Physical Therapy Program

Although some institutions offer undergraduate degrees in physical therapy, the standard for practice in the field of physical therapy is the graduate degree. The College of Arts and Sciences does not offer an undergraduate degree in physical therapy, but instead offers programs of study that prepare students appropriately for entry into master’s and doctoral programs. In preparing for entry into a graduate program, students may pursue one of several different majors in the College of Arts and Sciences. The pre-physical therapy program assists students in completing degrees at The University of Alabama that prepare them to enter graduate programs in physical therapy elsewhere. As an example of some of the important fields of study that are parts of the preparation of pre-physical therapy students, UA students who enter the doctoral program in physical therapy at The University of Alabama at Birmingham are expected to have completed the courses that follow in English, the sciences, psychology and mathematics:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN 101 English Composition</td>
<td>3</td>
</tr>
<tr>
<td>EN 102</td>
<td>3</td>
</tr>
<tr>
<td>BSC 114 &amp; BSC 115 or</td>
<td>4</td>
</tr>
<tr>
<td>BSC 118 Honors General Biology I</td>
<td></td>
</tr>
<tr>
<td>BSC 116 &amp; BSC 117 or</td>
<td>4</td>
</tr>
<tr>
<td>BSC 120 Honors General Biology II</td>
<td></td>
</tr>
<tr>
<td>BSC 215 Human Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BSC 216 Human Anatomy &amp; Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>CH 101 or General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CH 117 Honors General Chemistry</td>
<td></td>
</tr>
<tr>
<td>CH 102 or General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CH 118 Honors General Chemistry</td>
<td></td>
</tr>
<tr>
<td>PH 101 or General Physics I or</td>
<td>4</td>
</tr>
<tr>
<td>PH 105 General Physics W/Calc I</td>
<td></td>
</tr>
<tr>
<td>PH 125 Honors Gen Ph W/Calculus</td>
<td></td>
</tr>
<tr>
<td>PH 102 or General Physics II or</td>
<td>4</td>
</tr>
<tr>
<td>PH 106 General Physics W/Calc II</td>
<td></td>
</tr>
<tr>
<td>PH 126 Honors Gen Ph W/Calculus</td>
<td></td>
</tr>
<tr>
<td>MATH 113 Precalculus Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>PY 101 Intro To Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PY 211 Elem Statistical Methods</td>
<td>3</td>
</tr>
<tr>
<td>PY electives</td>
<td>6</td>
</tr>
</tbody>
</table>

The pre-physical therapy adviser is the primary adviser for students who enter the University as pre-physical therapy until they declare a specific major. After that and for other students who have an interest in physical therapy, the adviser is available as a secondary source to assist specifically with issues related to study in physical therapy.

Advising for Other Health Professions

While at The University of Alabama, students may prepare for professions in occupational therapy, veterinary medicine, chiropractic medicine, podiatry or any other health-related profession requiring an advanced degree. Required undergraduate courses vary considerably among these programs; therefore, students should make an appointment with the health professions advisers early in their academic programs to ensure that they are adequately prepared for admission to a graduate program following completion of a degree at The University of Alabama. For more information, contact the health professions advisers at (205) 348-5970.

Pre-Law Program

200 Clark Hall
(205) 348-5970
prelaw.ua.edu
prelaw@as.ua.edu

The pre-law program works with students who are interested in law as a career to plan the courses and experiences that will best prepare them for law school, to decide which specific schools are best for them, and to complete the application process. Students preparing for law school may pursue different disciplinary interests. Several departments in the College of Arts and Sciences, including the Department of Philosophy, the Department of Political Science and New College, offer pre-law programs of study, but many other departments offer courses that prepare pre-law students. Visits to the UA Law School, shadowing, student organizations and internships are important parts of the pre-law experience.

Unlike some pre-professional programs that require specific courses, the pre-law program emphasizes the importance of broad liberal arts preparation. Courses that require substantial writing are good preparations for law school, as are those courses that require logical thinking and the construction of arguments. Appropriate courses range from English and history, to economics and mathematics, to communication studies. Examples of pre-law courses include the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 100 Rhetoric And Society</td>
<td>3</td>
</tr>
<tr>
<td>COM 123 Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>COM 348 Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>EC 110 Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>PHL 104 or Critical Thinking</td>
<td>3</td>
</tr>
<tr>
<td>COM 122 Critical Decision Making</td>
<td></td>
</tr>
<tr>
<td>PHL 195 Introduction to Deductive Logic</td>
<td>3</td>
</tr>
<tr>
<td>PHL 240 Philosophy and the Law</td>
<td>3</td>
</tr>
<tr>
<td>PHL 241 Philosophical Issues in Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>PHL 242 Philosophical Issues in Civil Law</td>
<td>3</td>
</tr>
<tr>
<td>PHL 243 Philosophical Issues in Constitutional Law</td>
<td>3</td>
</tr>
<tr>
<td>PHL 292 Introduction to Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PSC 101 Intro American Politics</td>
<td>3</td>
</tr>
<tr>
<td>PY 101 Intro To Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

The pre-law program adviser is the primary adviser for students who have an interest in pre-law. Once a student has formally declared an academic major, the pre-law adviser is available as a secondary source to assist specifically with issues related to pre-law preparation.

Progress to Degree

Expected Progress

During the fall and spring semesters, the recommended course load for students in the College of Arts and Sciences is 14-16 hours per semester. A course load of more than 18 hours requires special permission (A&S Student Services Center, 200 Clark Hall). A course load under 12 hours is not considered full-time enrollment. Institutional research has shown that graduation rates are significantly higher for students who complete at least 12 hours during their first college semester, as compared with students who do not complete at least 12 hours.

During the summer semester, students may enroll for a maximum of 17 hours (3 hours in Interim and 7 hours each summer term).

Student Responsibility

1. Students are expected to familiarize themselves with this catalog and consult academic advisers in planning their programs of study.
2. Students are responsible for registering for course loads appropriate to the degrees they seek and consistent with their individual circumstances.
3. Students are expected to pursue successful completion of all courses in which they enroll.
4. Students are responsible for monitoring the accuracy of their academic records and reporting any errors to the college registrar in the A&S Student Services Center, 200 Clark Hall.
5. Students are expected to maintain a Crimson email account, mailing addresses and telephone numbers at which they can be reached with reasonable certainty and to respond promptly to all communications from the University and the college.
6. Students are expected to be familiar with the current academic calendar.
7. Students are expected to make full use of DegreeWorks and other available advising resources in executing their academic success plans.

**Admission and Retention**

The College of Arts and Sciences admits students on the basis of the University’s general admission requirements listed in this catalog. As noted in the department program descriptions, in some departments, admission to upper-division status, clinical training programs, internships, practicums, etc., may require higher levels of scholarship. Retention is based on the general scholarship rule and the scholastic progress standard.

**Course Placement**

The College of Arts and Sciences awards credits and places students in courses based on several criteria. First, course credits are awarded based on Advanced Placement and International Baccalaureate scores. Other placement information is as follows:

**In English**

EN 103 Advanced English Composition is an accelerated freshman composition course that is open to students with ACT composite scores of 28 or ACT English scores of 30 and above, or SAT scores of 1240 and above or SAT Verbal scores of 720. With a grade of C- or higher at the completion of the course, placement credit is awarded for EN 101 English Composition and the general studies requirement for freshman composition is complete.

**In Foreign Languages**

The course level at which students begin their study of a foreign language is determined by several factors. These factors include the following: the number of high school units complete, language placement examination scores, or faculty evaluation for those with native or heritage competency. Placement assessments are offered in French, German, Latin, Russian and Spanish.

<table>
<thead>
<tr>
<th>Level</th>
<th>Placement Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>No prior instruction in the language, fewer than two high school units in the language, instruction more than four years ago, or UA placement test</td>
</tr>
<tr>
<td>102</td>
<td>UA credit for 101, or except for Spanish, UA placement test</td>
</tr>
<tr>
<td>103</td>
<td>Two high school units in the language or 101 at another institution*</td>
</tr>
<tr>
<td>201</td>
<td>Credit for 102 or 103 or UA placement test</td>
</tr>
<tr>
<td>202</td>
<td>Credit for 201 or UA placement test</td>
</tr>
<tr>
<td>300</td>
<td>Credit for 202 or UA placement test</td>
</tr>
</tbody>
</table>

* 103 available in French, German and Spanish

When students are placed in French, German, Latin, Spanish and Russian courses numbered 200 or higher and they successfully complete the course into which they were placed, they can apply to the Department of Modern Languages and Classics to receive credits for some courses that precede the course into which they were placed.

Members of the language faculty individually place international students who possess native competency in a language or United States citizens who are bilingual. These students normally do not receive credit for courses below the 300 level. These students should contact the Department of Modern Languages and Classics before attending summer orientation or before registering for a course in the language in which they have this competency.

**In Mathematics**

For those students who do not have credit for any college-level mathematics equivalent to a UA mathematics course, placement is determined by their ACT or SAT score in mathematics. If students are not pleased with their placement based on their ACT or SAT mathematics score, they may elect to take the UA Math Placement Assessment through the Office of Testing Services. The Math Placement Assessment may be taken twice.

**In Music**

Auditions determine placement in specific applied courses. Auditions should occur before freshman orientation and registration.

**Changes in Student Course Schedules**

While students may change schedules, it is important that students maintain at least 12 hours of coursework each fall and spring semester, and the recommendation is for 14-16 hours.

First-semester freshmen and first-semester transfer students who have not met the freshman composition requirement enroll in an appropriate English composition course and continue taking required English courses until the composition requirement is met. Students may not drop required freshman-level English courses. Students also may not withdraw from mathematics courses graded A, B, C or NC. These mathematics courses include:

- MATH 005 Introductory Algebra 3
- MATH 100 Intermediate Algebra 3
- MATH 110 Finite Mathematics 3
- MATH 112 Precalculus Algebra 3
- MATH 113 Precalculus Trigonometry 3
- MATH 115 Precalc Algebra & Trig 3

Students may drop or add courses during the late registration period at the beginning of each semester. Specific dates are given on the University of Alabama website. A student may drop a course other than the English and mathematics courses listed above with a grade of W during the first 10 weeks of the fall and spring semesters. After the tenth week of class, only under extraordinary and well-documented circumstances are students allowed to petition for special consideration to withdraw with a grade of W. Requests for late withdrawals are made to the Student Services Center in 200 Clark Hall.

The short summer terms permit a drop with a grade of W for two weeks.

**Course Repeat**

A course passed at any institution with a grade of A, B or C cannot be repeated at The University of Alabama, except as an audit.

A course passed at The University of Alabama with a grade of D may be repeated. A record of both the original and repeat enrollment appears on the student’s transcript. With respect to hours and grade points applicable to degree requirements and honors-designation requirements in the college, each enrollment is counted in the cumulative hours attempted and cumulative grade points earned, but only the most recent enrollment counts in the cumulative hours applicable to the degree.

**Audit**

A student may audit one course per semester. Permission to audit may be obtained in the A&S Student Services Center, 200 Clark Hall, and the request to audit must be made before the end of the late registration period at the beginning of each semester. An auditor may not take the tests or the final examination in the course. A course that is taken as an audit may not be taken at a later date for credit.

**Pass/Fail Option**

The pass/fail option is designed to encourage students to explore areas of study outside the major and minor. A course taken pass/fail counts as elective credit only; it cannot be used to satisfy any specific requirement and does not count in the minimum number of hours required for the major or minor. University-wide pass/fail regulations are explained in the general information section of this catalog. To take a course pass/fail, students in the College of Arts and Sciences must receive approval in the A&S Student Services Center, 200 Clark Hall, before the end of the late registration period at the beginning of each semester.

**Prerequisite Policy**

The catalog and registration system provide information on the preparation necessary in order to enroll in a specific course. All 300-level courses in the College of Arts and Sciences have either a specific prerequisite course or have the expectation that the student will have junior standing (61 earned hours), or the permission of the instructor, in order to enroll.

**Graduation**

Each candidate for a degree must apply for degree through myBama in the semester immediately prior to the term in which he or she plans to graduate. For example, students who expect to complete degree requirements in May should submit the online degree application during the preceding fall semester. Those who expect to
finish degree requirements in August or December should submit the application during the previous spring semester.

Degrees are awarded in May, August and December.

**Major and Minor Programs of Study by Academic Departments**

**Department of American Studies**
- American Studies major and minor

**Department of Anthropology**
- Anthropology major and minor
- Evolutionary Studies minor

**Department of Art and Art History**
- Art (studio) major (BA)
- Art (studio) major (BFA)
- Art minor
- Art History major and minor

**Department of Biological Sciences**
- Biology major and minor
- Microbiology (BMB) major and minor

**Blount Undergraduate Initiative**
- Blount Liberal Arts minor

**Department of Chemistry**
- Chemistry (BCh) major
- Chemistry track
- Biochemistry track
- Chemistry (BS) major and minor

**Department of Communicative Disorders**
- Communicative Disorders major and minor

**Department of Criminal Justice**
- Criminal Justice major and minor
- Cyber Criminology minor
- Sociology minor

**Department of Economics, Finance and Legal Studies**
- Economics major and minor

**Department of English**
- English major and minor
- Comparative and World Literature minor
- Creative Writing minor

**Department of Gender and Race Studies**
- African American Studies major and minor
- Women’s Studies minor

**Department of History**
- History major and minor
- Latin American, Caribbean, and Latino Studies minor

**Department of Geography**
- Geography (BA and BS) major and minor
- Environmental Science major
- Geographic Information Systems minor

**Department of Geological Sciences**
- Geology (BA, BS and BSG) major and minor

**Marine Sciences Program**
- Marine Science/Biology major
- Marine Science/Chemistry major
- Marine Science/Geology major
- Marine Science minor

**Department of Mathematics**
- Mathematics major
  - Pure Mathematics track
  - Applied Mathematics, Scientific Computation track
  - Applied Mathematics, Classical track
  - Applied Mathematics, Optimization track
  - Applied Mathematics, Statistics track
  - Mathematics Education track
- Mathematics minor
- Mathematical Statistics minor
- Mathematics Education minor

**Department of Modern Languages and Classics**
- Foreign Language and Literature major
  - Classical Civilization track
  - French track
  - German track
  - Greek track
  - Latin track
- Foreign Language Credit Options
  - Chinese minor
  - French minor
  - General Business second major
  - German minor
  - Greek minor
  - Italian minor
  - Japanese minor
  - Latin minor
  - Russian minor
  - Spanish major and minor
  - Critical Languages Program

**New College**
- New College (BA and BS)
- New College LifeTrack
- Civic Engagement and Leadership minor
- Environmental Studies Interdisciplinary minor
- Natural Resources minor
- Student-designed minor

**Department of Philosophy**
- Philosophy major and minor
- Computer-based Honors minor

**Department of Physics and Astronomy**
- Physics major and minor
- Astronomy minor

**Department of Political Science**
- Political Science major and minor
- International Studies major and minor
- Public Policy Minor

**Department of Psychology**
- Psychology (BA and BS) major and minor

**Department of Religious Studies**
- Religious Studies major and minor
- Asian Studies minor
- Judaic Studies minor

**School of Music**
- Music, Bachelor of (BM)
  - Music Performance
    - Piano track
    - Organ track
    - Strings track
    - Winds and Percussion track
    - Voice track
    - Jazz Studies track
- Music Composition
- Music Theory
- Music Therapy
- Music (BA) major and minor
- Music (BA) with Arts Administration Concentration
- Music minor

Department of Theatre and Dance
- Dance major
- Theatre major and minor
- Theatre major: Musical Theatre track

Minors in Other Colleges
- Addictive Disorders and Recovery Studies minor
- Advertising minor
- Communication Studies minor
- Computer Science minor
- Computing Technology and Applications minor
- Consumer Sciences minor
- Engineering minor
- Entrepreneurship minor
- Food and Nutrition minor
- General Business Administration minor
- Human Development and Family Studies minor
- Journalism minor
- General Journalism
- Photojournalism
- Journalism Design
- Management minor
- Mathematics Education minor
- Public Relations minor
- Social Welfare minor
- Telecommunication and Film minor
- World Business minor

The College of Arts and Sciences offers the following interdisciplinary minor programs of study:

**Asian Studies**

**Civic Engagement and Leadership**

**Comparative and World Literature**

**Cyber Criminology**

**Evolutionary Studies**

**Interdisciplinary Environmental Studies**

**Latin American, Caribbean, and Latino Studies**

**Natural Resources and Land Management**

**Public Policy**

**Faculty**

**Administrative Officers**

- Robert F. Olin
- Lisa Dorr
- Luoheng Han
- Robert E. Hayes III
- Tricia McElroy
- Roger Sidje

**Administrative and Professional Staff**

- Cynthia H. Channell
- Matt Chenault
- Katie Craig
- Marian Denham
- Pamela Derrick

- Timothy Dillard
- Cathy Elliott
- Todd Engelhardt
- Rebecca Paul Florence
- Don S. Hays
- Ginger Hudson
- Rob Larocco
- Wendy K. McMillian
- Nancy T. Shockley
- Latandra Smith
- Jeannie Thomley
- James Vail
- Allison S. Verhine
- John Wingard
- Kathy Yarbrough

**African American Studies (AAST) Courses**

**AAST 100. “Call and Response”. 1 sem. hr.**

This course is designed to generate student interest and excitement in African American Studies by giving students opportunities to explore facets of African American cultural experiences. Following an interdisciplinary approach, this course will allow students to discover the rich diversity of African American cultural practices such as music, visual arts, literature, storytelling, dance, and religious practice. This course allows students at UA and UAB to experience the expertise of faculty from both institutions. It is also web-enhanced and has components on both UA’s and UAB’s BlackBoard systems for which UA and UAB students will access.

**AAST 201. Intro African Amer Study. 3 sem. hrs.**

A basic outline of the diversity and complexity of the African-American experience in the United States: the early academic and social concerns of Black Studies advocates; the changes in the field’s objectives that arise from its connections to contemporary social movements for Black Power, women’s liberation and multiculturalism; and its major theoretical and critical debates.

**AAST 202. African American Lives. 3 sem. hrs.**

A cultural approach to African American lives, exploring the role of the individual, biography, and narrative in African American history and culture.

**AAST 226. Themes from Africa to America. 3 sem. hrs.**

An examination of the spread of religious life in the African America’s emphasizing present institutions and practices; its African roots, its shape and function during slavery and its development from Emancipation to the present.

**AAST 249. African American Literature. 3 sem. hrs.**

Survey of African American literature from its earliest expressions to the present. In order to identify the aesthetics of the African American literary tradition, the course material includes spirituals, slave narratives, poetry, drama, autobiography, fiction, and nonfiction.

**Prerequisite(s):** (Undergraduate level EN 101 with minimum Grade of C- and Undergraduate level EN 102 with minimum Grade of C-) OR (Undergraduate level EN 103 with minimum Grade of C- OR Undergraduate level EN 104 with minimum Grade of C-) OR (Undergraduate level EN 120 with minimum Grade of C- and Undergraduate level EN 121 with minimum Grade of C-).

**AAST 302. The Black Church. 3 sem. hrs.**

A survey of mainstream Christian expressions of black spirituality as well as other forms of sacred collective consciousness. Study of local churches and theology is encouraged.

**AAST 303. Education Of Southern Blacks. 3 sem. hrs.**

A study of the “miseducation” of Africans in America. The course explores education for blacks from West Africa at the middle of the second millennium and early American society to the emergence of the separate school system of the 19th and 20th centuries.

**AAST 319. 19th Century Black History. 3 sem. hrs.**

Role of black Americans in African life from the 17th century to the beginning of the 20th century, with emphasis on the institutions and events of the 1800s.

**AAST 320. 20th Century Black History. 3 sem. hrs.**

The interrelationship of blacks and the industrial-urban environment of the United States.
Prerequisite(s): AAST 201 or WS 200.

This course will focus on analysis of object, created by African Americans variously classified as folk, self-taught, outsider artists. Material will address African origins. American transformations of traditional arts and crafts.

AAST 340. Women in the South. 3 sem. hrs.

Examination of the cultural concepts, myths, and experiences of black and white Southern women from a variety of economic and social backgrounds. Special attention is given to the interaction of race, class, and gender in Southern women’s lives. Texts include historical studies, autobiographies, biographies, oral histories, and novels written by and about women in the 19th- and 20th-century South.

AAST 341. African American Art. 3 sem. hrs.

An examination of the work of formally trained 20th century African American painters, sculptors, and photographers in relation to broader currents in the social and cultural history of the United States. Examines ways in which African American art has alternately reflected, shaped, and challenged such important historical events and currents as the Harlem Renaissance, the Great Depression, the Cold War, the Civil Rights and Black Power movements, the women’s movement, and contemporary identity politics. Also evaluates the contributions of selected artists in relation to such key art movements as Modernism, Social Realism, and Postmodernism.

AAST 350. Topics African American Lit. 3 sem. hrs.

A cross-genre survey of African American literature, historical events, and critical movements. Authors may include Frederick Douglass, Harriet Jacobs, Richard Wright, Zora Neale Hurston, Nella Larson, Langston Hughes, and Toni Morrison.

AAST 352. Social Inequality. 3 sem. hrs.

Analysis of inequities of wealth, power, and prestige; major theories of racial and cultural minorities; behavioral correlates of stratification; social mobility.

AAST 395. Special Topics. 3 sem. hrs.

An examination of selected African American topics. May be repeated for a maximum of 18 hours.

AAST 400. . 3 sem. hrs.

This course will examine the socio-historical perceptions and constructions of Black masculinities in various regions and periods. We will also examine the social, political, and economic conditions of Black male life in the contemporary period and interrogate representations of Black men and boys in U.S. culture and society in relation to the broader politics of race, class, gender, and sexuality in the post-civil rights era. Specific attention will be paid to the history of ideas and approaches that have shaped and defined our understanding of Black males. You will be introduced to historical and socio-cultural circumstances that affect Black males and the diverse nature of Black culture. This course will also attempt to heighten awareness and sensitivity to the contemporary problems affecting Black males and thus help discover and evaluate social policies and programs geared towards Black males.

AAST 401. Black Intellectual Thought. 3 sem. hrs.

An upper level seminar designed to provide students with an in-depth study of major intellectual debates and movements that have shaped the politics, history and identities of the people of African descent in the United States and the African diaspora. The course will combine methodologies and concepts from multiple disciplines including, history, political theory, literature, women’s studies, sociology, psychology and philosophy.

Prerequisite(s): AAST 201 and AMS 201.

AAST 402. Special Topics. 3-9 sem. hrs.

An examination of selected African American topics. May be repeated for a maximum of 9 hours.

AAST 413. Communication & Diversity. 3 sem. hrs.

Study and analysis of issues of diversity as they relate to groups in society and in communication fields. Emphasis is on the media’s treatment of various groups in society. Writing proficiency within this discipline is required for a passing grade in this course.

AAST 415. African American Rhetoric. 3 sem. hrs.

A historical-critical investigation of African American public discourse from the Revolutionary era to the present, exploring rhetorical strategies for social change and building community. Writing proficiency within this discipline is required for a passing grade in this course.

AAST 435. Black Feminism. 3 sem. hrs.

This upper level undergraduate and graduate course exposes students to the key figures, texts and concepts that constitute black feminist thought. Prerequisite(s): AAST 201 or WS 200.

AAST 436. Gender and Black Masculinity. 3 sem. hrs.

This course will examine the socio-historical perceptions and constructions of Black masculinities in various regions and periods. We will also examine the social, political, and economic conditions of Black male life in the contemporary period and interrogate representations of Black men and boys in U.S. culture and society in relation to the broader politics of race, class, gender, and sexuality in the post-civil rights era. Specific attention will be paid to the history of ideas and approaches that have shaped and defined our understanding of Black males. You will be introduced to historical and socio-cultural circumstances that affect Black males and the diverse nature of Black culture. This course will also attempt to heighten awareness and sensitivity to the contemporary problems affecting Black males and thus help discover and evaluate social policies and programs geared towards Black males.

AAST 488. Adv Study African American Lit. 3 sem. hrs.

A special topics course that focuses on issues in African American literature.

AAST 490. AAST Independent Study. 1-6 sem. hr.

Independent study on any subject pertaining to African-American studies, under the supervision of a professor in the chosen field and/or Director of the program.

AAST 495. Special Topics. 3 sem. hrs.

An examination of selected African American topics. May be repeated for a maximum of 18 hours.

American Studies (AMS) Courses

AMS 100. Special Topics. 1 sem. hr.

Selected American topics for lower-division undergraduate students offered by American studies faculty members or supervised teaching assistants. Some examples include the following five-week, one-hour courses: African-American Star Athletes, Superbowl Ads, Stand Up Comedy, Disney’s America, and Why Eat Local?.

AMS 101. Special Topics. 1 sem. hr.

 Selected American topics for lower-division undergraduates offered by American Studies faculty members or supervised teaching assistants.

AMS 102. Special Topics. 1 sem. hr.

Selected American topics for lower-division undergraduates offered by American Studies faculty members or supervised teaching assistants.

AMS 103. Special Topics. 1 sem. hr.

Selected American topics for lower-division undergraduates offered by American Studies faculty members or supervised teaching assistants.

AMS 104. Special Topics. 1 sem. hr.

Selected American topics for lower-division undergraduates offered by American Studies faculty members or supervised teaching assistants.

AMS 105. Special Topics. 1 sem. hr.

Selected American topics for lower-division undergraduates offered by American Studies faculty members or supervised teaching assistants.

AMS 106. Special Topics. 1 sem. hr.

Selected American topics for lower-division undergraduates offered by American Studies faculty members or supervised teaching assistants.

AMS 150. Introduction to American Studies: Arts and Values. 3 sem. hrs.

Exploration of the relation between the arts?popular, folk, and elite?and American culture in four selected periods: Victorian America, the '20s and '30s, World War II and the Postwar Era, and the '60s. Class presentations and discussions revolve around novels, movies, art, music, artifacts, and readings about the periods. This course is team taught by all the members of the American studies faculty. Offered fall semester.

AMS 151. Intro American Studies: Globalization, Nationalism, and Regionalism. 3 sem. hrs.

A broad survey of American culture formed by global, national, and regional influences. The first section, "World," looks at the United States as a product and shaper of international movements, ideas, and cultures from 1500 to the present. The second section, "Nation," examines the creation of a distinctly American identity between 1790 and 1890 that ultimately incorporated and reflected global issues. The third section, "Regions," focuses on the South and other regions as contributors to and consequences of national and global interactions. Team taught by the entire AMS faculty, lectures will include topics on film, music, literature, art, sports, and other cultural artifacts. Offered spring semester.

AMS 200. Special Topics Amer Stud. 3 sem. hrs.

Selected American topics for lower-division undergraduate students offered by AMS faculty members or Americans from related departments. Recent examples include The Asian-American Experience, The American Road, The Sporting Life, Baseball Since 1945, and Twilight Zone Culture. May be repeated for a maximum of 12 hours.
AMS 201. Intro African Amer Study. 3 sem. hrs.
This course provides a basic outline of the diversity and complexity of the African American experience in the United States. It surveys the early academic and social concern of Black Studies advocates; the changes in the field’s objectives that arise from its connections to contemporary social movements for Black Power, women’s liberation, and multiculturalism; and its major theoretical and critical debates.

AMS 203. Introduction to Southern Studies. 3 sem. hrs.
This discussion-based course introduces students to major texts and interdisciplinary methodologies in the field of Southern Studies. Traversing epochs from before the Civil War until after the Civil Rights Movement, we will scrutinize the interplay between course materials (autobiographies, fictional texts, historical accounts, and films) and major political, cultural, and social forces influencing the region and the nation.

AMS 204. Introduction to Western American Studies. 3 sem. hrs.
A lecture/discussion course utilizing a biographical approach to the salient themes, issues, and episodes of the American West. Some of these lives are real, some of them imagined, and others are a little of each. All of them, however, reveal much about both region and nation and how each has changed over time.

AMS 205. Dirty Jobs. 3 sem. hrs.
This course explores jobs that get you “dirty.” Work is one of the aspects that most shapes individual lives, and many lines of work are viewed as dangerous, dirty, or somehow unsavory by American society. This course uses films, TV shows, written narratives, and music to explore different types of “dirty” work in the United States.

This class will offer an introduction to popular music that young Americans used, for two generations, to root their aesthetics, center their values, and test their ethical allegiances. Students will look at enduring and innovative music, but also trained to understand the contexts that have shaped how that music was both produced and consumed. In popular music, the line between artist and audience is inevitably blurry. Few forms of culture have been so fundamental in shaping what scholars call “affective alliances”—the way, when rhythms fill our bodies and voices fill our heads, we find others who share those passions, and the way they guide how we speak, dress, act cool, and just generally move through the world.

AMS 222. Modern Gay America. 3 sem. hrs.
This course will focus on the emergence of the GLBT community in 20th century American Culture. We will look at the many ways GLBT identity developed in the 20th century, by exploring the intersections of science, religion, popular culture, politics, and urbanization on GLBT people. Because the experience of GLBT individuals is so varied, we will use a variety of media to create patterns and connections within this diverse community.

AMS 231. Contemporary America. 3 sem. hrs.
This course has two principal objectives. Students will analyze the changing nature of American cultural values for the period dating from the early 1970s to the present. By placing materials drawn from literature, film, the visual arts, music, and popular culture within a broader social and historical contexts, students will examine key developments in the everyday life patterns and cultural expressions of Americans in contexts that range from the local to the international. In addition, the course will familiarize students with a sampling of the interdisciplinary methodologies applicable to work in the field of American studies (e.g., analysis of images and primary documents, oral history, and ethnography). Offered fall semester.

AMS 251. American Folklore. 3 sem. hrs.
Survey and analysis of such genres of American vernacular expression as legends, ghost tales, humor, music, and sermons as they express and shape particular regional and/or ethnic American identities. Course materials include ethnographic writing, sound recordings, film, and folklore scholarship. Attention also given to the competing and sometimes contradictory definitions of “folk” culture from the 19th century to the present.

AMS 300. Special Topics. 3 sem. hrs.
Selected American topics for advanced undergraduate students, offered by American Studies faculty members or Americanists from related departments. Recent examples include American Hobo Subculture, World War II and Modern Memory, Women’s Liberation Movement, Justice and Civil Society, Southern Sexual Cultures, and Cultures of American Slavery. May be repeated for a maximum of 12 hours.
Prerequisite(s): Six hours of Humanities and/or Social Sciences courses or permission of instructor.

AMS 302. . 3 sem. hrs.
A survey of mainstream Christian expressions of black spirituality as well as other forms of sacred collective consciousness. Study of local churches and theology is encouraged.

AMS 303. Education Of Southern Blacks. 3 sem. hrs.
A study of the “miseducation” of Africans in America. The course explores education for blacks from West Africa at the middle of the second millennium and early American society to the emergence of the separate school system of the 19th and 20th centuries.

AMS 310. The Latino/Latina Experience. 3 sem. hrs.
This course focuses on the history of people of Latin American descent (Latinas/os) living in the United States. Although we will examine communities comprised of people of Central and South American descent, the focus of this course will be on the four largest Latino/Latina groups: those of Mexican, Puerto Rican, Cuban and Dominican descent. Students will become familiar with issues that have affected different Latino/os populations in the United States: migration patterns, cultural interaction, community and cultural formation; and racial formations. We will also examine relations among Latina/os and European immigrants, and consider the affects of US intervention and imperialism in Latin America on US Latino communities. Lectures, readings, and films will explore connections between the past and the present and provide students a forum to express their own viewpoints on the legacy of this history.
Prerequisite(s): Six hours of Humanities and/or Social Sciences courses or permission of instructor.

AMS 315. United States Labor Since 1865. 3 sem. hrs.
Examines the history of workers - men and women, paid and unpaid, of different racial and ethnic groups, in different regions of the United States - from 1865 to the present.
Prerequisite(s): Six hours of Humanities and/or Social Sciences courses or permission of instructor.

AMS 316. Labor on Film. 3 sem. hrs.
This course examines the ability of film to successfully portray the history of labor in the US and how present events and attitudes shape portrayals of past events.
Prerequisite(s): Six hours of Humanities and/or Social Sciences courses or permission of instructor.

AMS 318. Amusement and Tourism in America. 3 sem. hrs.
The course explores varied forms of leisure culture that emerged in the 19th century and exploded in popularity throughout the 20th century. The course examines leisure culture as a vibrant component of American social, economic, and aesthetic history. Using travel narratives and fictional works, along with historical critiques, art, and other popular culture documents, the course explores Americans as they tour the nation, take vacations, and seek amusement. The course provides a framework for understanding the centrality of leisure as it has influenced how Americans see themselves and their national character.
Prerequisite(s): Six hours of Humanities and/or Social Sciences courses or permission of instructor.

AMS 320. American Popular Humor. 3 sem. hrs.
This course explores major writers, performers, works, and themes of American humor that have achieved enduring popularity among mass audiences. It examines the social and historical contexts that reverberate in humor produced in the United States and focuses on three persistently popular mediums: prose and performance; film; and the television situation comedy.
Prerequisite(s): Six hours of Humanities and/or Social Sciences courses or permission of instructor.

AMS 321. African American Folk Art. 3 sem. hrs.
An examination of the objects created by African Americans variously classified as “folk,” “self-taught,” and “outsider” artists. Course material will address the African origins and American transformations of traditional arts and crafts (architecture, pottery, iron work, and quilting) as well as the work of selected 20th-century artists in such media as painting, sculpture, and assemblage. Key concerns will include not only analysis and cultural/historical contextualization of these artists and their works but also political and theoretical debates with respect to issues of collection, modes of exhibition, and use of the above-listed classifications.
Prerequisite(s): Six hours of Humanities and/or Social Sciences courses or permission of instructor.

This course examines the often contentious and always passionate American relationship with “nature,” an idea as much as a physical reality. The history of the United States has always had at its center a conflict between its political and social aspirations, on the one hand, and its passionate devotion to and celebration of the natural landscape, on the other. The resulting tension provides a wealth of subjects worthy of critical analysis. Students will consider the varying ways that nature has been imagined over a wide range of time periods and through the lenses of various forms of creative expression—prose, poetry, art, music, and design, etc.—as well as cultural practices, from camping out to making dinner. The course explores how “nature” has influenced American culture at large, its history and mainstream values. Students will encounter a wide range of intellectual and emotional interactions with the natural world and be asked to consider, in addition, their own relationship to it.
Prerequisite(s): Six hours of Humanities and/or Social Sciences courses or permission of instructor.
AMS 325. America West And 19th Century. 3 sem. hrs.  
Few things remained so central to the 19th American century experience as the West, a region to be explored, inhabited, and incorporated into an expanding urban-industrial society. From Lewis and Clark to Buffalo Bill, this lecture/discussion course examines the relationship between America and the West as it developed throughout the 19th century. Prerequisite(s): Six hours of Humanities and/or Social Sciences courses or permission of instructor.

AMS 326. The Modern West. 3 sem. hrs.  
This lecture/discussion course examines the growth of the American West during the 20th century as both the embodiment of modernity and, as mythic imagination, an escape from the very modernity it represents. Prerequisite(s): Six hours of Humanities and/or Social Sciences courses or permission of instructor.

AMS 327. The American Western. 3 sem. hrs.  
Since its creation toward the close of the 19th century, the western has been the most popular genre in American film history. No popular genre has generated anything like the kind of sustained attention, enthusiasm, interest, passion, anger, or debate as the American western. Which is the focus of the course: a chronological treatment of the ongoing relationship between the western film and the meaning of modern America. Prerequisite(s): Six hours of Humanities and/or Social Sciences courses or permission of instructor.

AMS 335. American Pop Music. 3 sem. hrs.  
Recent scholarship has shifted popular music history from folk roots and rock rebellion to pop; commercial, accustoming, but no less fascinating amalgamations. This class will range from blackface mistrelsy in the 1800s to American Idol today, defining mainstreams rather than undergrounds. Pop music performed capitalism, but it also performed democracy. Sorting out that process will be the task. Prerequisite(s): Six Semester Hours of Humanities and/or Social Sciences or Instructor’s Permission.

AMS 340. Women in the South. 3 sem. hrs.  
What insights into American experience are afforded by reading nineteenth- and twentieth-century texts in which Southern women engage questions of gender, class, race, labor, and region? This class will explore fictional and nonfictional prose by and about Southern women in order to examine how historical, cultural, and sociopolitical factors have shaped the lives and writings of women in the South. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): Six Semester Hours of Humanities and/or Social Sciences courses or Instructor’s Permission.

AMS 341. African American Art. 3 sem. hrs.  
An examination of the work of formally trained 20th century African American painters, sculptors, and photographers in relation to broader currents in the social and cultural history of the United States. Examines ways in which African American art has alternately reflected, shaped, and challenged such important historical events and currents as the Harlem Renaissance, the Great Depression, the Cold War, the Civil Rights and Black Power movements, the Women’s Movement, and contemporary identity politics. Also evaluates the contributions of selected artists in relation to such key art movements as Modernism, Social Realism, and Postmodernism. Prerequisite(s): Six hours of Humanities and/or Social Sciences courses or permission of instructor.

AMS 351. American Music Theatre History. 3 sem. hrs.  
This course provides you with a review of the historical genres, circumstances and catalogue of material that developed the American musical theatre from its minstrel beginnings to the multi-million dollar spectacles of today.

AMS 364. The Beatles Era. 3 sem. hrs.  
Interdisciplinary investigation of American culture from the Kennedy assassination in 1963 to the Kent State University massacre in 1970 using the popular cultural explosion of the Beatles as a prism that informs the whole. Prerequisite(s): Six Semester Hours of Humanities and/or Social Science Courses or Instructor’s Permission.

AMS 367. The American Game. 3 sem. hrs.  
Lecture topics, readings, and classroom discussions will pursue major connections between baseball and American society from 1880 to the present: (1) the modernization of America and the rise of an urban, industrial game; (2) baseball and race; and (3) postwar America and baseball. Prerequisite(s): Six hours of Humanities and/or Social Sciences courses or permission of instructor.

AMS 400. Internship. 1-3 sem. hr.  
An internship opportunity that combines independent study and practical fieldwork experience focusing on a particular problem or topic related to American culture and experience. Examples are internships in archival fieldwork, material culture fieldwork, museum management, and sound recordings. Credits earned in this course are applicable to the major and minor in American studies but are not counted in 400-level requirement. May be repeated for a maximum of 6 hours.

AMS 401. Black Intellectual Thought. 3 sem. hrs.  
An upper level seminar designed to provide students with an in-depth study of major intellectual debates and movements that have shaped the politics, history and identities of the people of African descent in the United States and the African diaspora. The course will combine methodologies and concepts from multiple disciplines including history, political theory, literature, women’s studies, sociology, psychology, and philosophy.

AMS 402. Special Topics. 3 sem. hrs.  
Selected African American topics for advanced undergraduate students. May be repeated for a maximum of 12 hours.

AMS 403. Honors Research - Ams. 3 sem. hrs.  
Internship opportunity that combines guided and independent study with on- or off-campus research experience involving a particular methodological approach to American culture and experience. Examples are social science methods, oral history, original manuscript research, and technology.

AMS 405. Directed Study. 1-3 sem. hr.  
May be repeated for a maximum of 6 hours.

AMS 406. Directed Study. 1-3 sem. hr.  
Independent study in American Studies.

AMS 407. Landscapes of the South. 3 sem. hrs.  
A study of environmental and cultural landscapes of the American South, as altered and used by successive waves of native peoples, explorers, immigrants, laborers, industrialists, and urban builders, addressing historical and contemporary environmental challenges. Writing proficiency within this discipline is required for a passing grade in this course.

AMS 412. On The Road. 3 sem. hrs.  
This course seeks to introduce the breadth and power of the travel culture that defines "America" and examines enduring features when writers take to the open road in America. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): 9 SH Humanities/ and or Social Sciences courses or permission of instructor.

AMS 415. Service Learning. 3 sem. hrs.  
Course examines immigrant journey and life in American South to gain an understanding of historical and contemporary issues through research and service. Prerequisite(s): 9 SH Humanities/ and or Social Sciences courses or permission of instructor.

Popular conceptions of nature hold extraordinary power in shaping our responses and policies toward both the geophysical world and built environments. This interdisciplinary course examines key concepts and controversies in American thought about nature since before colonization. Using accounts from various regions, the course explores evolving conceptions of nature and justice, competing claims about race and class, and changing institutional responses and remedies to environmental degradation in the context of global change. The course is highly interactive, inviting critical thinking about the human place in the physical world. We read and discuss ecological views as presented in colonial writings, slave narratives, Transcendentalist thought, Gilded Age preservationist and conservationist debates, and the work of Progressive Era occupational health specialists and ecologists. We give specific attention to twentieth century social movements for environmental public health, examining contemporary approaches, including eco-feminism, environmental justice, and sustainability. We identify different disciplinary approaches, among them environmental history, ecological anthropology, sociology, and geography, and explore conceptual links between disciplines. A brief introduction to research methods, utilizing qualitative techniques, case studies, and specialized data sources, will be included. Journal articles, law review essays, regulatory documents, court decisions, and films supplement classic texts as we examine race, ethnicity, gender, poverty, and other factors shaping environmental health. Prerequisite(s): Permission of the instructor.
AMS 420. Mark Twain’s America: America’s Mark Twain. 3 sem. hrs.
This course begins with the premise that Mark Twain is alive and well. The course will balance consideration of the life, work, and times of America’s most celebrated author as well as his impact on popular culture to this day—from film adaptations of his work, to pop-culture references, to the traditions of American humor, to tourists abroad, etc. Students will examine Mark Twain as the “Lincoln of Our Literature” and as an American icon. The course will require careful consideration of the life and work of Samuel Clemens, the man who would later become Mark Twain, the most famous American of the late nineteenth and early twentieth century. We will read and discuss several of his works in context with his times, and we will explore how his legacy affects our own. Why was he so popular, and why does he remain so popular? Students will encounter a wide range of intellectual and emotional interactions with American culture through the mind of Mark Twain, and, likewise, filter much of American popular culture through the lens of the world he created and reported to the world in his literary output. Students will consider, in addition, their own relationship to Mark Twain’s America.
Prerequisite(s): 9 SH Humanities/ and or Social Sciences courses or permission of instructor.

AMS 421. Writer & Artist in America. 3 sem. hrs.
An examination of the changing social and cultural background of American writers and artists during the 19th and 20th centuries. Topics will include the definition of the developing role of the artist in American culture, and assessment of the American and European influences on artists, and an appraisal of the influence of artists on American culture. Painting, literature, music, photography, and architecture are among the arts dealt with.
Prerequisite(s): 9 SH Humanities/ and or Social Sciences courses or permission of instructor.

AMS 422. Popular Culture in America. 3 sem. hrs.
A selective survey and analysis of 20th century U.S. popular culture-- particularly, comic books, fan culture, television, music, advertising, and sports. Examines ways in which popular culture has reflected and shaped aspects of American society such as gender ideologies, economics, race, class, and regional identity.
Prerequisite(s): 9 SH Humanities/ and or Social Sciences courses or permission of instructor.

AMS 423. The Roots of American Music. 3 sem. hrs.
This class surveys American music from ragtime, blues, and hillbilly to Broadway, Hollywood musicals, and swing jazz. Our focus will be on commercial mainstreams and democratic audiences -- how selling sound led to different identities being expressed through taste and style. Race, gender, class, sexuality, age, technology, and the music business will all factor as we move from blacklist minstrelsy in the 1800s to World War II. We will listen closely to several songs each week, connecting music to larger themes through primary and secondary sources, regular writing, and in-class discussion.
Prerequisite(s): 9 SH Humanities/ and or Social Sciences courses or permission of instructor.

AMS 429. America between the Wars. 3 sem. hrs.
Explores first two decades of America’s “Modern Times” (1919-1941) when Americans redefined themselves and their society embracing and debating (sometimes hotly) old beliefs, new conceptions, and the implications of a machine-driven, modern-mass society. Writing proficiency within this discipline is required for a passing grade in this course.
Prerequisite(s): 9 SH Humanities/ and or Social Sciences courses or permission of instructor.

AMS 430. Special Topics. 3 sem. hrs.
Selected American topics for advanced undergraduate majors in American studies, offered by American Studies faculty members or Americanists from related departments. May be repeated for a maximum of 6 hours.
Prerequisite(s): Nine Semester Hours of humanities or social science courses or Instructor’s Permission.

This interdisciplinary social science course provides an introduction to the cultural and physical ecology of cities, focusing primarily on urbanization in the United States from the late 19th century to the present. Course readings include classical scholars in urban studies, urban design. Contemporary urban environmental histories explore population shifts and land use along the urban gradient from the suburbs to urban centers, with attention to water, sewer, and transportation infrastructure, pollution, and urban sprawl. Writing proficiency within this discipline is required for a passing grade in this course.

AMS 445. The “Good War”. 3 sem. hrs.
Examination of selected topics from the American experience during the Second World War. Topics include the Homefront, the Holocaust, race relations, the emergence of American air power, and the impact of the war on American memory and postwar American culture. Writing proficiency within this discipline is required for a passing grade in this course.
Prerequisite(s): 9 SH Humanities/ and or Social Sciences courses or permission of instructor.

AMS 446. Gender and Environment. 3 sem. hrs.
This course examines histories of concepts of nature and gender, philosophies of eco-feminism, and accounts of gender-based efforts for environmental reform. Texts include histories of environmental concepts and reform campaigns, broadly conceived, including slave narratives, accounts of experiences in the women’s club movement, the conservation movement, and Progressive Era occupational and public health reform, along with more well-known twentieth century nature writers, contemporary scholars, and activists. Particular attention is paid to women whose identities are defined in part by their status as immigrants, women of color, or in other marginalized categories. Case studies explore global environmental reform as well as U.S. experiences. Writing proficiency within this discipline is required for a passing grade in this course.

AMS 460. Race & Ethnicity in US Labor. 3 sem. hrs.
This course is designed to familiarize students with the important topics, themes, and methodologies in the study of race and ethnicity in U.S. labor. Throughout the semester, the class will examine the lives of working women and men and their roles in the social, political, and economic development of the United States. The class will analyze the role of gender, race, and ethnicity at home and in the workplace and examine how scholars have studied the people, events and institutions in this field.
Prerequisite(s): Nine Semester Hours of American Studies Courses or Instructor’s Permission.

An examination of American literature and culture from before the Civil War until after the Civil Rights Movement. Representations of American experience in essays, novels, poems, short stories, social reformist tracts, and the visual arts will be studied in the context of social and political debates over slavery, national identity, women’s roles, immigration and assimilation, social mobility, urbanization, sexual mores, consumer culture, and race relations. Writing proficiency within this discipline is required for a passing grade in this course.
Prerequisite(s): 9 SH Humanities/ and or Social Sciences courses or permission of instructor.

AMS 476. Constructing the American Rev.. 3 sem. hrs.
From the Declaration of Independence to the Civil War, Americans have continually tried to provide narrative shape and cultural significance to their national origins. Through the analysis of primary and secondary sources (political tracts, art works, histories, biographies, fiction, and other artifacts), this course will explore the relationship between the eighteenth-century revolutionaries’ and their nineteenth-century heirs’ cultural construction of the Revolution. Simply put, this course is about how people in the past have thought about their own past. Writing proficiency within this discipline is required for a passing grade in this course.
Prerequisite(s): Nine Semester Hours of American Studies Courses or Instructor’s Permission.

AMS 480. Democracy in America. 3 sem. hrs.
Throughout the first half of the nineteenth century, Americans prided themselves on their democratic politics, industrial progress, science and technology, religious faiths, capitalist tendencies, and control over nature. No other person captured the essence of American society and manners more than the French aristocrat, Alex de Tocqueville, who traveled to the United States in the 1830s and published his famous work, Democracy in America. Using Tocqueville’s observations as well as fiction, autobiography, painting, politics, and more, this course explores how ordinary Americans presented themselves as a democratic people from 1800 to 1865.
Prerequisite(s): Nine Semester Hours of American Studies Courses or Instructor’s Permission.

AMS 491. American Period Seminar. 3 sem. hrs.
In-depth study of a particular period or era in American historical experience. Recent examples include the Ragtime Era, the Jazz Age, the Great Depression, the Season of 1954-55, the ’60s, Contemporary America, the Romantic Revolutionaries (1905-14), the Postwar Era, American Avant Garde, the South and ’30s Expression, the Civil Rights Movement, the American ’20s, the ’50s, America betwen the Wars, the Colonial Period, the Aspirin Age, Postmodern America, Contemporary America, and Writing West.
Prerequisite(s): Nine Semester Hours of American Studies Courses or Instructor’s Permission.

AMS 492. American Topic Seminar. 3 sem. hrs.
Study of special topics within the American cultural experience. Recent examples include American Thought, Sports in American Life, American Perspectives on the Environment, the Civil Rights Movement, the Picture Press, Music and Ethnicity, the Politics of Culture, Regionalism, Homelessness in America, American Autobiography, American Monuments, Southern Popular Culture, Politics and Culture, Historical Memory, America by Design, Women in America, Race in America, 19th-Century Popular Culture, and Disasters in America.
Prerequisite(s): Nine Semester Hours of American Studies Courses or Instructor’s Permission.
ANT 100. Intro To Anthropology. 3 sem. hrs.
This course introduces students to the subfields of anthropology and demonstrates the benefits of a holistic approach to understanding globalization, multiculturalism, and cultural diversity. The concepts of evolution, human prehistory, language, and culture are explored as well as the diversity of human cultural patterns, including variations in marriage, kinship, and religion. SB Credit.

ANT 102. Intro Cultural Anthropology. 3 sem. hrs.
An introduction to the discipline of cultural anthropology, the branch of anthropology that examines the rules and behaviors of contemporary human cultures. The course will demonstrate the importance of a holistic approach to understanding human diversity, and compare and contrast the various developments cultures use to tackle the universal problems of human living. SB Credit.

ANT 103. Discoveries In Archaeology. 3 sem. hrs.
This course deals with the major archaeological discoveries made in the past two centuries and their impact on Western thought. SB Credit.

ANT 106. Indians Of North America. 3 sem. hrs.
Comprehensive overview of the prehistory, history, and modern day cultural diversity of Native Americans throughout North America. Historical and technological developments of different native groups are explored including changes as a result of European contact and the more recent attempts to revitalize Native American culture.

ANT 107. Intro To Archaeology. 3 sem. hrs.
Overview of the methods archaeologists use to study prehistoric cultures and an introduction to the study of human culture over the past two million years.

ANT 113. Indians Of Deep South. 3 sem. hrs.
Introduction to the Native Americans of Alabama and their nearby neighbors. Focuses on describing and explaining lifeways and indigenous peoples using ethnographic, ethnohistorical, and archaeological studies.

ANT 150. Evolution For Everyone. 3 sem. hrs.
This course is designed to open students minds to what evolution is and how it applies to all life. Toward that end, we will view lectures given by evolutionary scholars from varied institutions and disciplines.

ANT 155. Freshman Seminar. 3 sem. hrs.

ANT 200. Anthropology Of Sex. 3 sem. hrs.
This course is an introduction to human sexuality from a biocultural perspective with emphases on sexual diversity and pluralism and psychosexual evolution. It traces the evolution of human sociosexual behavior, including human sexual physiology, preprocreative strategies; contemporary courtship, mating and marital patterns; gender differences in the brain and behavior; and sexual and social emotions. It compares the sexuality of humans to non-humans, especially to that of other primates. It also discusses human sexuality from the perspective of different cultures throughout the world. Among other topics, the course will address the psychobiocultural dimensions and implications of attraction, fidelity sex techniques, gender, incest, homosexuality and transexuality and sexually transmitted diseases.

ANT 210. Language And Culture. 3 sem. hrs.
Human activity in its linguistic, cultural, and social contexts; interrelationships between culture and natural language; and the influences of language and culture on thought and behavior.

ANT 215. Anthropology In Movies And Fiction. 3 sem. hrs.
Compares portrayals of anthropologists and core anthropological issues in movies and fiction to anthropological perspectives and scholarship.

ANT 216. Ethnographic Cinema. 3 sem. hrs.
This course is a survey of the history of ethnographic cinema. Students in this class will learn this history by viewing important ethnographic films and by discussing and critiquing the visual representation of culture and society in anthropology.

ANT 250. Issues In Anthropology. 3 sem. hrs.
This course is a flexible listing designed to cover specific topics in anthropology not already offered through an existing course. It is similar to ANT 450 Problems in Anthropology, but allows students with less exposure to ANT or the particular issues addressed an opportunity to learn more at a more introductory level.

ANT 269. Field Archaeology. 6-12 sem. hrs.
In this course students and the supervising archaeologists work together as a research team on an archaeological excavation. Students learn basic excavation techniques and skills: how to identify, map, measure, recover, record, and process archaeological data. At the conclusion of the course, students will have excavation experience and insights into the archaeological research process.

ANT 270. Intro To Physical Anthropology. 3 sem. hrs.
Introduction to the study of human biological and cultural evolution.

ANT 275. Race, Ethnicity Human, and Variation. 3 sem. hrs.
Historical and contemporary perspectives on human biological diversity, including the concepts of race, ethnicity, adaptation, and some of the social implications of these views.

Focuses on the relationships among human ecology, population growth, health and disease, and adaptation in modern and prehistoric societies. Explores the origins of infectious diseases, emphasizing the principles of epidemiology and evolution of pathogens. Prerequisite(s): ANT 100 or ANT 270.

ANT 312. Non-Human Primates. 3 sem. hrs.
This course is an introductory survey of the world’s living non-human primates. The focus is on the taxonomy, anatomy, behavior, ecology and cognition of our closest living relatives. It is intended both as a starting point for further coursework in primate behavior and as a survey course for non-science students. Prerequisite(s): ANT 100 or ANT 270 or permission of the instructor.

ANT 317. Anth-Modern Life. 3 sem. hrs.
Application of anthropological theories and findings to selected issues and problems of living in complex industrialized societies. Offered according to demand. Prerequisite(s): ANT 100 or ANT 102.

ANT 318. Ancient Cities & Empires. 3 sem. hrs.
A comparative study of ancient cities and empires with examples from the Old and New Worlds. Prerequisite(s): ANT 100 or ANT 103 or ANT 107.

ANT 319. Ancient New World Civilization. 3 sem. hrs.
An introduction to the ancient civilizations of Mesoamerica and South America. Explores the development of economic and political institutions as well as hieroglyphic texts, art styles, and religious rites. Prerequisite(s): ANT 107 or permission of the instructor.

ANT 368. Southeastern Archaeology. 3 sem. hrs.
Origin and development of pre-Columbian and early historic cultures of the Southeast. Offered according to demand. Prerequisite(s): ANT 107.

ANT 401. Linguistic Anthropology. 3 sem. hrs.
Scientific study of natural language, phonology, grammar, lexicon, meaning and the role of linguistics in anthropological research. Offered according to demand.

ANT 402. Gender Ethnicity & Health. 3 sem. hrs.
Explores the gendered, ethnic, cultural, and class dimensions that underlie the patterning of disease and illness worldwide, with attention to the long-term health effects of racism, sexism and poverty. Topics include reproductive and sexual health, obesity, body image, HIV/AIDS, mental illness, homelessness, and more. Prerequisite(s): Either ANT 100 or ANT 102 & 3 additional hours, or consent of instructor.

ANT 405. Culture Mind And Behavior. 3 sem. hrs.
Cultural and linguistic basis of cognitive organization, systems of folk classifications, and collection and analysis of data of shared cultural and social information. Offered according to demand.

ANT 408. Ancient Mexican Civilization. 3 sem. hrs.
Survey of the origins and development of ancient civilizations in Mexico. Prerequisite(s): ANT 107.

ANT 409. Ancient Maya Civilization. 3 sem. hrs.
Ancient Maya civilizations in Mexico and Central America from the earliest inhabitants until the Spanish Conquest. Prerequisite(s): ANT 107.

ANT 411. Culture Health & Healing. 3 sem. hrs.
A cross-cultural overview of medical systems, and the health, illness, and healing experiences within them. Patients and healers will be studied through the lens of etiology, help seeking, diagnosis and treatment. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): Either ANT 100 or ANT 102 & 3 additional hours, or consent of instructor.

ANT 412. Peoples Of Europe. 3 sem. hrs.
A review of selected aspects of the customs, social systems, and cultures of European societies. Writing proficiency within this discipline is required for a passing grade in this course.

ANT 413. Peoples Of Latin Amer. 3 sem. hrs.
A review of selected aspects of Latin American social systems and cultures. Topics include social structure, ethnicity, economics, material culture, gender roles, religion, sports, and political systems. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): Either ANT 100 or ANT 102 & 3 additional hours, or consent of instructor.
ANT 414. Peoples Of Africa. 3 sem. hrs.
A review of selected aspects of the customs, social systems, and cultures of African societies.

ANT 417. Peoples Of South Asia. 3 sem. hrs.
A review of selected aspects of the customs, social systems, and cultures of South Asian societies.
Prerequisite(s): ANT 100 or ANT 102.

ANT 418. Dev Non-West Cultures. 3 sem. hrs.
Theoretical and descriptive study of social change and development in non-Western societies. Major emphasis is placed on the effects of change on indigenous institutions. Both ethnographic and theoretical literature are examined. Offered according to demand.

ANT 419. Myth Ritual And Magic. 3 sem. hrs.
Survey of the anthropological literature on religion, including such topics as myth, ritual, magic, witchcraft, totemism, shamanism, and trance states. Offered according to demand. Writing proficiency within this discipline is required for a passing grade in this course.
Prerequisite(s): ANT 102 or REL 100.

ANT 421. Ethnography. 3 sem. hrs.
Students work with University Libraries to develop research to address changes in information technology and the impact of such changes for UA students. Emphasizes the research design process as practiced by professional, applied anthropologists, including communicating roles and expectations with client stakeholders, developing testable hypotheses, operationalizing variables, and determining project scope, timeline, and budget.
Prerequisite(s): 12 hrs of Anthropology or permission from instructor.

The theory and strategies of, and processes for, undertaking research within the legal and practical setting of CRM-driven archaeology.

ANT 425. Archaeology of East North America. 3 sem. hrs.
Examination of the origins and developments of pre-Columbian and early historic cultures of eastern North America.
Prerequisite(s): ANT 107.

ANT 431. Readings In Anth. 1-3 sem. hr.
Honors readings for seniors and graduate students. Offered with permission of instructor only. May be repeated for a maximum of 6 hours.

ANT 432. Readings In Anthropology. 1-3 sem. hr.
Honors readings for seniors and graduate students. Offered with permission of instructor only. May be repeated for a maximum of 6 hours.

ANT 436. Social Structure. 3 sem. hrs.
Social organization and structure, social life and institutions (especially in non-literate societies), kinship, descent groups, marriage, residence, and local group composition. Offered every third semester.
Prerequisite(s): ANT 100 or ANT 102.

ANT 438. Anthropology of Art. 3 sem. hrs.
The course views the art that societies past and present produce; it explores culture, creativity, and human beings' distinctive compulsion to make decorative objects.
Prerequisite(s): At least 6 hours of ANT courses, including ANT 102; OR permission of instructor.

ANT 439. Topics Anthropology Religion. 3 sem. hrs.
An examination of contemporary issues and topics in the anthropology of religion.

ANT 440. Culture. 3 sem. hrs.
A selective review of past and contemporary concepts, theories, and methodological approaches adopted by cultural anthropologists. Writing proficiency within this discipline is required for a passing grade in this course.

ANT 441. Documenting Justice I. 3 sem. hrs.
Interdisciplinary course in ethnographic filmmaking, focusing particularly on analyzing the many dimensions of culture and social experience. Students produce a short documentary film on a story of justice or injustice in Alabama. Application and permission of instructor required.

ANT 442. Documenting Justice II. 3 sem. hrs.
Continuation of ANT 441.
Prerequisite(s): ANT 441.

ANT 444. Anthropology And Cemeteries. 3 sem. hrs.
Using approaches developed in the discipline of anthropology and, more particularly, in the subfield of archaeology, an exploration of the different ways in which local cemeteries can yield information on cultural, societal, and historical matters. Writing proficiency within this discipline is required for a passing grade in this course.

ANT 445. Historical Archaeology. 3 sem. hrs.
Combines the methods used in historical archaeology with a basic survey of the archaeological record of the historic period of North America.

ANT 450. Probs In Anthropology. 3 sem. hrs.
Devoted to issues not covered in other courses. May be repeated for a maximum of 6 hours.

ANT 451. Undergraduate Research. 1-6 sem. hr.
Introduction to independent anthropological research with a focus on constructing testable hypotheses, selecting variables, measuring attributes, recording data, making interpretations and writing and presenting results.

ANT 460. Anthropology and Museums. 3 sem. hrs.
Examines the historical connections between anthropology and natural history museums in the United States. Explores the present operation of such museums and develops exhibits based on collection studies.

ANT 465. Lithic Analysis. 3 sem. hrs.
Introduction to the basics of analysis of stone tools, their manufacture, and their use by means of microscopic and macroscopic approaches.

ANT 466. Laboratory Methods Archaeology. 3 sem. hrs.
This class is a "hands-on" course in archaeological laboratory methods and most useful for anthropology majors/minors. Students will read about different kinds of analyses, and then put theory into practice by classifying and analyzing prehistoric artifacts. Students will learn how to build interpretations of the past by using artifact assemblages, how to discriminate between reliable and less reliable information, and collaborate in group activities.

ANT 467. Methods Prehistoric Iconography. 3 sem. hrs.
An exploration of the concepts and methods used by prehistoric archaeologists to impute meanings in representational art.

ANT 468. Ceramics for the Archaeologist. 3 sem. hrs.
Ceramics are the most ubiquitous and variable materials on many archaeological sites and, as such, they offer archaeologists a vast amount of information about the past. In this class, we approach ceramics from the perspective of research questions, and investigate how analytical techniques can help address them. The class also has a large practical component. Students will conduct analyses on collections and present their findings at the end of the class. This course is meant to provide a framework for developing hypotheses, methods and skills directly applicable to senior projects, MA theses, and Ph.D. dissertations.
Prerequisite(s): This is a course about archaeological research, therefore, it is restricted to undergraduates that have ceramic collections that they want to study as part of a senior or honor thesis. Undergraduate prerequisites for this course include 1) permission of the instructor, 2) 12 hours in anthropology, and 3) ANT 107 "Introduction to Archaeology.

ANT 471. Fossil Humans and Evolution. 3 sem. hrs.
Survey of the discoveries, methods, and theories that provide the background for modern research in macroevolution. Offered according to demand.
Prerequisite(s): ANT 270.

ANT 473. Human Osteology. 4 sem. hrs.
Detailed introduction to human osteology emphasizing the identification of fragmentary remains and the criteria for determination of age, sex, and race. Two hours- lecture, two hours- laboratory. Offered according to demand.
Prerequisite(s): ANT 270, and a "C" average.

ANT 474. Neuroanthropology. 3 sem. hrs.
This course provides an introduction to evolutionary and biocultural approaches within anthropology to the central and peripheral nervous systems and their interconnections. Topics include the evolution of the brain; how culture and social structure shape the brain, its development, and its activity; and anthropological perspectives on connections among culture, behavior, brain, mind, and body.
Prerequisite(s): ANT 270 or BSC 300 or PY 413.

ANT 475. Biology. Culture & Evolution. 3 sem. hrs.
An introduction to the biocultural and evolutionary bases of human adaptability. Writing proficiency within this discipline is required for a passing grade in this course.
Prerequisite(s): ANT 270.

ANT 476. Nutritional Anthropology. 3 sem. hrs.
Introduction to anthropological inquiries in nutrition (including food habits, food systems, and dietary variability) from a cross-cultural perspective. Writing proficiency within this discipline is required for a passing grade in this course.

ANT 478. Anthro of Human Development. 3 sem. hrs.
Health culturally competent socialized adults and mature physical forms arise from a developmental process with evolutionary, biological, social and cultural dimensions. We survey child/human development from an anthropological perspective, considering interactions across levels of analysis from genes to culture.
Prerequisite(s): ANT 100 OR ANT 270.

College of Arts and Sciences
ART 479. Human Paleopathology. 3 sem. hrs.
Course investigates skeletal pathology and trauma. Topics included: 1. Understanding disease processes, 2. Distinguishing accidental and violent trauma on bone, 3. Recognizing the following conditions in skeletal remains: congenital anomalies, circulatory disorders, joint diseases, infectious diseases, metabolic diseases, skeletal dysplasias, neoplastic conditions, diseases of the dentition and other conditions. Students will inventory, evaluate and analyze sets of human skeletal remains for pathology and trauma and complete final reports on those remains.
Prerequisite(s): ANT 270.

ANT 480. Advanced Evolutionary Studies & Big Questions. 3 sem. hrs.
This course is the capstone to the Evolutionary Studies minor and should be taken in the final semester of the program. This course meets in conjunction with "Evolution for Everyone," the minor introductory course to the minor, to revisit the basic principles and application of evolutionary theory. These courses are team-taught by faculty from around the University and integrate the Alabama Lectures of Life’s Evolution series, so they are likely to be different for you in both iterations. The course will review applications of evolutionary theory in the natural, social, and applied sciences and in the humanities. Additionally, you will conduct or complete a culminating project during the first half of the semester. During the second half of the semester, you will present this to the class and submit an article based on your project for publication in a peer-reviewed science journal.
Prerequisite(s): ANT 150; BSC 220; & ANT 270, PHL 380 OR GEO 102.

Arabic (ARB) Courses

ARB 101. Elementary Arabic. 4 sem. hrs.
Students will learn the spoken and written language of Modern Standard Arabic. This course is intended for students with NO PRIOR KNOWLEDGE of Arabic. Native speakers or near-native speakers of the language are NOT allowed to enroll. Any students with background knowledge of this language must see the program director BEFORE enrolling.

ARB 102. Elementary Arabic. 4 sem. hrs.
Course is a continuation of ARB 101. Students will learn the spoken and written language. Native speakers or near native speakers of the language are NOT allowed to enroll.
Prerequisite(s): ARB 101.

ARB 201. Intermediate Arabic. 3 sem. hrs.
Continuation of Arabic language on the intermediate level. Students who already have basics of Arabic speaking, writing and reading will develop their skills further. The class meets three hours per week. Native speakers or near native speakers of the language are NOT allowed to enroll.
Prerequisite(s): ARB 102.

Continuation of ARB 201. Emphasis is on the development of reading skills and writing proficiency. Not repeatable without the permission of the CLC director. Native speakers or near native speakers of the language are NOT allowed to enroll.
Prerequisite(s): ARB 201.

ARB 301. Third-year Arabic. 3 sem. hrs.
Study of contemporary Arabic language and culture. This course is intended for students who have already taken ARB 202. Native speakers or near native speakers of the language are NOT allowed to enroll.
Prerequisite(s): ARB 201.

Art History (ARH) Courses

ARH 151. Intro To Visual Arts. 3 sem. hrs.
Not applicable to the studio or art history majors or minors. Introduction to the appreciation of art through an examination of the nature, themes, and purposes of art, the exploration of visual arts media and methods; and a survey of art history and artistic masterpieces.

ARH 252. Survey Of Art I. 3 sem. hrs.
Survey of major examples of painting, sculpture, and architecture from the prehistoric through the medieval periods.

ARH 253. Survey Of Art II. 3 sem. hrs.
Survey of major examples of painting, sculpture, and architecture from the Renaissance through the modern periods.

ARH 254. Survey Of Art III. 3 sem. hrs.
Survey of major examples of painting, sculpture, and the applied arts of India, China, Korea, Japan, and Southeast Asia.

ARH 291. Special Projects. 3 sem. hrs.
This number is used for special projects determined by the instructor or for independent research projects proposed by students. In the latter case, the project must be approved by a sponsoring faculty member and the department chairperson. May be repeated for a maximum of 6 hours.

ARH 351. Ancient Art. 3 sem. hrs.
A survey of the contributions of Egypt, Greece, and Rome to the development of Western architecture, sculpture, and painting.

ARH 352. Early Christian Byzantine Art. 3 sem. hrs.
This course focuses on major monuments of painting, sculpture, and architecture, as well as wider visual culture, produced in the Early Christian West and the Byzantine Empire 312-1453 CE. Attention will be paid to major styles/developments with reference to relevant social, political, religious, historical and technical issues.
Prerequisite(s): 6 hours of 200 level Art History courses or permission of the instructor.

ARH 355. Chinese Painting. 3 sem. hrs.
Survey of Chinese pictorial art from the Bronze Age to the present day. Writing proficiency within this discipline is required for a passing grade in this course.

Survey of painting and woodblock prints of Japan. Writing proficiency within this discipline is required for a passing grade in this course.

ARH 358. Islamic Art and Architecture. 3 sem. hrs.
A survey of the material and artistic products of the Islamic world, from the seventh to seventeenth centuries.
Prerequisite(s): 6 hours of 200 level Art History courses or permission of the instructor.

ARH 360. Early Medieval Art. 3 sem. hrs.
This course focuses on major monuments of painting, sculpture, and architecture, as well as wider visual culture, produced in Western Europe between 500-1150 CE. Beginning with backward glances at Roman traditions, special attention is focused on works of art representative of major styles/developments during the focus period with reference to relevant social, political, religious, historical and technical issues.
Prerequisite(s): 6 hours of 200 level Art History courses or permission of the instructor.

ARH 361. Late Medieval Art. 3 sem. hrs.
This course examines the wealth of visual and material cultures of Europe and the broader Mediterranean from roughly 1200-1450. Materials considered will include sculpture, architecture, painting and manuscripts, as well as metal work and enamels, ivories, textiles, and portable objects from both European and non-Western cultures. Objects and monuments will be explored within their relevant social, political, religious, cultural and historical contexts.
Prerequisite(s): 6 hours of 200 level Art History courses or permission of the instructor.

ARH 362. Medieval Art. 3 sem. hrs.
This course examines the wealth of visual and material cultures of Europe and the broader Mediterranean from roughly 1000-1250. Materials considered will include sculpture, architecture, painting and manuscripts, as well as metal work and enamels, ivories, textiles, and portable objects from both European and non-Western cultures. Various course themes may include the natures of religious and devotional art; the intersections between faith and power; the influence of non-Western societies and artworks on Western medieval culture; and the various roles of art in medieval societies. Objects and monuments will be explored within their relevant social, political, religious, cultural and historical contexts.
Prerequisite(s): 6 hours of 200 level Art History courses or permission of the instructor.

ARH 363. Masterpieces Of Spanish Art. 3 sem. hrs.
Selected monuments of peninsular Spanish art from the prehistoric period to the contemporary period.

ARH 364. Renaissance Art. 3 sem. hrs.
Survey of 15th- and 16th-century painting, sculpture, and architecture in Europe.

ARH 365. Northern Renaissance Art. 3 sem. hrs.
The art of Flanders and Germany in the 15th and 16th centuries.

ARH 367. Art Patronage Florence. 3 sem. hrs.
Survey of the art of Florence emphasizing the artists and the patrons, such as the religious orders, guilds, and private families who created the Renaissance style in painting, sculpture, and architecture.
ARH 368. Early Renaissance Art. 3 sem. hrs.
This course provides students with a survey of painting, sculpture and architecture during the early Italian Renaissance in major city centers, concentrating on knowledge of major monuments and artists. Attention will be focused on fourteenth-century traditions, fifteenth-century developments, and major themes important to study of the period (technical innovations, the inheritance and influence of antiquity, the status of the artist, religious and political symbolism, the requirements of patrons and the market, and the impact of social conditions and historical events). Prerequisite(s): 6 hours of 200 level Art History courses or permission of the instructor.

ARH 369. Later Italian Renaissance Art. 3 sem. hrs.
This course provides students with a survey of painting, sculpture and architecture in the later Italian Renaissance (c. 1480-1580) in major city centers, concentrating on knowledge of major monuments and artists. Beginning with backward glances at the fifteenth century, attention will be focused on sixteenth-century developments and major themes important to study of the period (including Mannerism, the status of the artist, and the impact of religious change on works of art), thus encouraging students to have a long-range view of the traditions behind the focus works. Prerequisite(s): 6 hours of 200 level Art History courses or permission of the instructor.

ARH 371. Baroque Art South Europe. 3 sem. hrs.
Survey of painting, sculpture, and architecture in 17th-century Italy, Spain, and France. Writing proficiency within this discipline is required for a passing grade in this course.

Survey of the art of 17th-century Belgium and Holland, with emphasis on the work of Rubens, Rembrandt, and Vermeer. Writing proficiency within this discipline is required for a passing grade in this course.

ARH 374. Art of the American South. 3 sem. hrs.
Painting, sculpture, and decorative arts from the colonial period to the twentieth century. Prerequisite(s): 6 hours of 200 level Art History courses or permission of the instructor.

ARH 375. Nineteenth Century Art. 3 sem. hrs.
Painting and sculpture from the Neoclassical through the Post-Impressionist periods.

ARH 376. American Architecture. 3 sem. hrs.
American architecture from the colonial period to the 20th century.

ARH 377. American Painting & Sculpture. 3 sem. hrs.
American painting and sculpture from the colonial period to the 20th century. Writing proficiency within this discipline is required for a passing grade in this course.

ARH 378. Art of the African Diaspora. 3 sem. hrs.
This course examines the artistic, material, and visual cultures of the African diaspora. Various geographic regions and historical periods will be covered. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): 6 hours of 200 level Art History courses or permission of the instructor.

ARH 381. Art Since World War II. 3 sem. hrs.
Modernist and postmodernist art and architecture from the mid-20th century to the present. Prerequisite(s): 6 hours of 200 level Art History courses.

ARH 385. Early 20th Century Art. 3 sem. hrs.
Painting and sculpture from Impressionism to World War II. Prerequisite(s): 6 hours of 200 level Art History courses.

ARH 388. African American Art. 3 sem. hrs.
African American art from the colonial era to the 20th century. Prerequisite(s): 6 hours of 200 level Art History courses or permission of the instructor.

ARH 400. Photographic Discourse. 3 sem. hrs.
Study of the history of photography and ideas about photographic practices. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): 6 hours of 200 level Art History courses.

ARH 455. Topics In Asian Art. 3 sem. hrs.
Selected topics in the art of China and Japan.

ARH 456. The Arts Of Buddhism. 3 sem. hrs.
Major movements and styles inherent in the artistic products of India, China, Japan, Southeast Asia, Tibet, and Nepal. Prerequisite(s): 6 hours of 200 level Art History courses or permission of the instructor.

ARH 461. Topics In Medieval Art. 3 sem. hrs.
Selected topics in the art and architecture of the Middle Ages. Prerequisite(s): 6 hours of 200 level Art History courses or permission of the instructor.

ARH 467. Topics Renaissance Art. 3 sem. hrs.
Selected artists, monuments, and patrons of the Renaissance and the Manerist period.

ARH 477. Topics in American Art. 3 sem. hrs.
Study of a selected theme in American art or architecture. May be repeated for a maximum of 12 hours. Prerequisite(s): ARH 376 or ARH 377 AND 9 additional hours of 200- and 300-level art history courses OR permission of the instructor.

ARH 481. Topics 20th Century Art. 3 sem. hrs.
Study of selected themes in modern and contemporary art. May be repeated for a maximum of 6 hours.

ARH 488. Topics in African American Art. 3 sem. hrs.
Study of selected topics or themes in African American Art. May be repeated for a maximum of 12 hours. Prerequisite(s): 9 hours of 200 and 300 level Art History courses or permission of the instructor.

ARH 490. Theories and Methods of Art History. 3 sem. hrs.
Study of the theories and methods of art history. Prerequisite(s): 12 hours of Art History courses or permission of the instructor.

ARH 491. Independent Studies. 3 sem. hrs.

Art, Studio (ART) Courses

ART 110. Drawing I. 3 sem. hrs.
Basic studio course concerned with comprehension of visual concepts and development of skills through exposure to drawing media.

ART 130. 2D Design. 3 sem. hrs.
Introductory course that explores two-dimensional concepts in a variety of processes and media.

ART 131. 3D Design. 3 sem. hrs.
Introductory course that explores three-dimensional concepts in a variety of processes and media.

ART 206. Special Projects. 3 sem. hrs.
Topics not taught in the regular curriculum. May be repeated for a maximum of 9 hours.

ART 210. Drawing II. 3 sem. hrs.
Continuation of Drawing I with emphasis on creative development of visual ideas using traditional and experimental techniques and media. Prerequisite(s): ART 110.

ART 212. Ceramics. 3 sem. hrs.
Completion of ART 110, ART 130, and ART 131 is recommended before taking this course. Exploration of ceramics media and processes with emphasis on the development of individual concepts.

ART 216. Painting. 3 sem. hrs.
An introductory course designed to strengthen the individual student’s awareness of the history and techniques of the craft of painting while exposing the student to contemporary styles and ideas of painting. Prerequisite(s): ART 110 or ART 130.

ART 218. Photography. 3 sem. hrs.
Study of photography and photographic processes employed as creative media. Basic black-and-white processing and printing. Prerequisite(s): ART 110 or ART 130.

ART 220. Printmaking. 3 sem. hrs.
Survey of printmaking processes including intaglio, relief, screen print, and lithography. Prerequisite(s): ART 110 or ART 130.

ART 222. Sculpture. 3 sem. hrs.
Introduction to basic sculptural skills - including plaster, wood, aluminum casting, direct construction, and various mixed materials and techniques - with emphasis on craftsmanship, content, and idea development. Prerequisite(s): ART 131 OR permission from the instructor.

ART 224. Introduction To Digital Art I. 3 sem. hrs.
An introduction to computer-based art making, digital literacy, image processing, and digital printing. Prerequisite(s): ART 110 or ART 130.

ART 251. Reboot/Remix. 3 sem. hrs.
This course examines contemporary art through its relationship to three familiar popular culture phenomena: gaming and simulated environments; popular music; graphic novels and comics.
ART 302. Color Theory & Application. 3 sem. hrs.
Course focuses on both analytical and intuitive understanding and application of color.
Prerequisite(s): ART 110 or ART 130.

ART 305. Aqueous Media. 3 sem. hrs.
Course focuses on contemporary styles, concepts, and ideas regarding the use of wet media.
Prerequisite(s): ART 210 or ART 216 or ART 220.

ART 309. Navigating The Art World. 3 sem. hrs.
The theory and history of the art institutions that shape artists' careers and practical strategies for sustainable creative opportunities beyond the degree. Writing proficiency within this discipline is required for a passing grade in this course.
Prerequisite(s): ART 110 and ART 210 and ART 130 and ART 131 Plus any two from the following list: ART 212 or ART 216 or ART 218 or ART 220 or ART 222 or ART 224 C- or higher required.

ART 310. Life Drawing. 3 sem. hrs.
Individual exploration of figurative forms in a variety of drawing media and processes.
Prerequisite(s): ART 110, ART 130, and ART 210 or permission of the instructor.

ART 311. Figurative Modeling. 3 sem. hrs.
Course offers students a chance to explore figurative ceramic modeling and sculpting as it relates to representing a likeness.

ART 312. Ceramics. 3 sem. hrs.
Emphasis is on individual approaches to media, methods, and activities.
Prerequisite(s): ART 212.

ART 313. Ceramics. 3 sem. hrs.
Emphasis is on individual approaches to media, methods, and activities.
Prerequisite(s): ART 312.

ART 314. Typography. 3 sem. hrs.
Further development of design methods and processes including typography, image processing, visual communication, and digital design production.
Prerequisite(s): ART 214 or ART 224.

ART 315. Digital Layout and Production. 3 sem. hrs.
Further development of design methods and processes including grids, page layout, visual communication, and digital design production.
Prerequisite(s): ART 214 or ART 224.

ART 316. Painting Composition. 3 sem. hrs.
The applied study of pictorial manipulation through color and design principles.
Prerequisite(s): ART 216.

ART 317. Painting Concepts. 3 sem. hrs.
A course designed to increase understanding of subject, meaning and context with the objective of making the transition between guided assignments and personal pursuits.
Prerequisite(s): ART 316.

ART 318. Photography. 3 sem. hrs.
Emphasis is on individual approaches to media, methods, and activities.
Prerequisite(s): ART 218.

ART 319. Photography. 3 sem. hrs.
Emphasis is on individual approaches to media, methods, and activities.
Prerequisite(s): ART 318.

ART 320. Printmaking: Intaglio & Relief. 3 sem. hrs.
Further exploration of intaglio and relief processes, including a review of basic techniques, grounds, printing in color, printing multiple plates or blocks, and medium/large format printing. Assignments emphasize both technical and conceptual development.
Prerequisite(s): ART 220 or ART 210 or permission of the instructor.

ART 321. Printmaking: Lithography. 3 sem. hrs.
This course explores traditional and experimental approaches to stone and plate lithography. Students will make a series of lithographs using a variety of approaches, matrices, and drawing materials. Assignments emphasize both technical and conceptual development.
Prerequisite(s): ART 220 or ART 210 or permission of the instructor.

ART 322. Sculpture. 3 sem. hrs.
Introduction to advanced sculptural thinking and problem solving with assignments geared toward the development of skills and abilities in working with a range of materials and techniques such as metal casting, fabrication, rubber, leather, wood, and stone fabrication.
Prerequisite(s): ART 222.

ART 323. Sculpture. 3 sem. hrs.
Continued development of 3-D thinking and technical skills through assignments addressing a variety of materials and processes, including physics in three dimensions, the illustration of intangible thoughts with physical objects, the relevance of self to sculpture, and an examination of personal aesthetic.
Prerequisite(s): ART 131 and ART 222 and ART 322.

ART 324. Intermediate Digital Art. 3 sem. hrs.
Projects allow for individual approaches and further development of digital art methods and processes.
Prerequisite(s): ART 224.

ART 325. Printmaking: Mononprint/Monotype. 3 sem. hrs.
This course examines printmaking through the lens of painting, including the vocabulary, materials, and techniques of painting with acrylics or oils. Students will use drawing and brushwork techniques to establish images on a variety of printable matrices, using a variety of printmaking processes. Assignments emphasize experimentation, collaboration, and exploring the creative process.
Prerequisite(s): ART 220 or ART 216 or permission of the instructor.

ART 326. Digital Art: The Narrative. 3 sem. hrs.
Students will explore contemporary structure of narrative (and conversely the non-narrative) by creating, producing, and sharing stories using computer-based tools.
Prerequisite(s): ART 224.

ART 328. Digital Photography. 3 sem. hrs.
This course will cover all aspects of digital photography from picture-making to output. There will be a survey of contemporary photo / digital artists to stimulate ideas, discussion and practice across numerous conceptual themes. Students will learn best practices for building and managing files that will drive top-quality output. All elements of traditional (scanning) and RAW workflow will be considered from acquisition through editing and output. Aesthetically, these skills will be put into practice in through the creation of refined and realized artworks. There will be critiques to facilitate the creative process. The semester will culminate in the production of a final portfolio.
Prerequisite(s): ART 218 or ART 224.

ART 329. Photo-Based Printmaking. 3 sem. hrs.
Printmaking using photographic techniques to create a variety of matrices, including intaglio and screen printing processes.
Prerequisite(s): ART 318.

ART 338. Photographic Studio Lighting. 3 sem. hrs.
The course will present essential skills in photographic studio lighting. Both natural and artificial light sources will be explored for producing aesthetically and conceptually engaging artworks. A wide range of applications will be explored including still life, portraiture, classic lighting problems, and open creative projects. Experimentation and improvisation is highly encouraged. Topics will reference both historical precedents and contemporary practices. The course will culminate with a portfolio of work.
Prerequisite(s): ART 218 or ART 328 or permission of the instructor.

ART 344. Concepts in Drawing. 3 sem. hrs.
This course covers drawing at the intermediate level, including media, form, content, and theory. This course emphasizes personal direction. This course is designed to encourage student investigation into experimental drawing and contemporary art practices. All topics will be devoted to promoting individual student creativity, mastery of drawing means and techniques, and a further understanding of graphic concerns.
Prerequisite(s): ART 110, ART 210, AND ART 310 OR by permission of the instructor.
Prerequisite(s) with concurrency: ART 110.

ART 380. Art Museum Practices. 3 sem. hrs.
An overview of art museum practices. Students acquire informed perspectives on the general operations, strategies, policies, and practices inherent in a small art museum.

ART 406. Independent Studies. 3 sem. hrs.
Students may make proposals for projects not taught in the regular curriculum. Proposals must be approved by a sponsoring faculty member and the department chairperson.

ART 408. Special Projects. 3-6 sem. hrs.
Topics not taught in the regular studio curriculum such as Photo-based Printmaking, Water Media on Paper, Digital Design Applications, Figurative Modeling and Sculpture, and Alternative Photographic Processes.

ART 409. . 3-6 sem. hrs.
Topics not taught in the regular studio curriculum such as Photo-based Printmaking, Water Media on Paper, Digital Design Applications, Figurative Modeling and Sculpture, and Alternative Photographic Processes.
ART 410. Drawing Seminar. 3 sem. hrs.
Self-directed studio practice overseen by the instructor. The student works toward creating a consistent and conceptually sound body of work that investigates contemporary and traditional definitions of drawing. Prerequisite(s): ART 110, ART 210, ART 310, ART 344, and ART 444 or by permission of the instructor.

ART 412. Ceramics. 3-6 sem. hrs.
3 to 6 hours. Directed studio practices overseen by the instructor and designed to enhance the student’s understanding of advanced ceramics concepts and techniques. Prerequisite(s): ART 212 and ART 312 and ART 313.

ART 413. - 3-6 sem. hrs.
3 to 6 hours. Directed studio practices overseen by the instructor and designed to enhance the student’s understanding of advanced ceramics concepts and techniques. Prerequisite(s): ART 412.

ART 414. Graphic Design. 3-6 sem. hrs.
3 to 6 hours. Preparation of a graphic design portfolio. Enrollment for 4, 5, or 6 hours requires permission of the instructor. May be repeated for a maximum of 12 hours. Prerequisite(s): ART 314 or ART 315.

ART 415. Graphic Design Practicum. 3 sem. hrs.
Partnering agencies with design apprentices for hands-on training. Students are required to work no less than 10 hours per week. Prerequisite(s): ART 414.

ART 416. Advanced Painting Seminar. 3-6 sem. hrs.
3 to 6 hours. Self-directed studio practice overseen by the instructor. The student is expected to work toward creating a consistent and conceptually sound body of work. Enrollment for 4, 5, or 6 hours requires permission of the instructor. May be repeated for a maximum of 12 hours. Prerequisite(s): ART 317.

ART 418. Advanced Photography. 3 sem. hrs.
Emphasis on individual approaches to advanced photographic practice (analog or digital) resulting in a cohesive body of work suitable for exhibition. May be repeated for a maximum of 12 hours. Prerequisite(s): ART 318 or ART 328 or permission of the instructor.

ART 419. - 3-6 sem. hrs.
3 to 6 hours. Emphasis on individual approaches resulting in a cohesive body of work suitable for exhibition. Enrollment for 4, 5, or 6 hours requires permission of the instructor. May be repeated for a maximum of 6 hours. Prerequisite(s): ART 418.

ART 420. Printmaking. 3-6 sem. hrs.
3 to 6 hours. Emphasis on individual approaches resulting in a cohesive body of work suitable for exhibition. Enrollment for 4, 5, or 6 hours requires permission of the instructor. May be repeated for a maximum of 12 hours. Prerequisite(s): ART 320 and ART 321.

ART 421. - 3-6 sem. hrs.
3 to 6 hours. Emphasis on individual approaches resulting in a cohesive body of work suitable for exhibition. Enrollment for 4, 5, or 6 hours requires permission of the instructor. May be repeated for a maximum of 6 hours. Prerequisite(s): ART 420.

ART 422. Sculpture. 3-6 sem. hrs.
3 to 6 hours. Development of work and thought at an advanced level in preparation for completion of the BA or BFA degree. Graduating semester includes a BA or BFA thesis exhibition accompanied by a written thesis requirement. Prerequisite(s): ART 222 and ART 322 and ART 323.

ART 423. - 3-6 sem. hrs.
3 to 6 hours. Development of work and thought at an advanced level in preparation for completion of the BA or BFA degree. Graduating semester includes a BA or BFA thesis exhibition accompanied by a written thesis requirement. Prerequisite(s): ART 422.

ART 424. Digital Art Seminar. 3 sem. hrs.
Special topics in digital media. Enrollment for 4, 5, or 6 hours requires permission of the instructor. May be repeated for a maximum of 12 hours. Prerequisite(s): ART 324 or ART 314 or ART 315.

ART 425. - 3 sem. hrs.
Special topics in digital media. Enrollment for 4, 5, or 6 hours requires permission of the instructor. May be repeated for a maximum of 6 hours.

ART 428. Advanced Digital Photography. 3 sem. hrs.
The course will expand upon digital skills for the photographer / digital artist presented in Art 328. This course presents technical, aesthetic and conceptual concerns at an advanced level. Content will be delivered through lecture, demonstrations, workshops, and experiential learning. The primary emphasis is on student-driven production of fully realized artworks. There will be regular critiques to facilitate the creative process. There will be a survey of contemporary photo / digital artists to stimulate ideas, discussion and practices across numerous conceptual themes. The semester will culminate in the production of a final portfolio and works presented for exhibition. Prerequisite(s): ART 328.

ART 444. Advanced Concepts in Drawing. 3 sem. hrs.
This course covers drawing at the advanced level, including media, form, content, and theory. This course emphasizes personal direction. This course is designed to encourage student investigation into experimental drawing and contemporary art practices. All topics will be devoted to promoting individual student creativity, mastery of drawing means and techniques, and a further understanding of graphic concerns. Prerequisite(s): ART 110, ART 210, ART 310, ART344 or by permission of the instructor.

Arts and Sciences (AS) Courses

AS 100. EC Continuous Enrollment. 0 sem. hrs.
Used as a course designation for all students enrolled in Early College.

An orientation course designed to introduce students to the University and the College of Arts and Sciences and to assist in academic planning. Open to freshmen. May be repeated for a maximum of 4 hours. Pass/fail.

AS 102. Compass: Arts & Sciences. 1 sem. hr.

AS 299. Junior Seminar. 1 sem. hr.
Seminar for premedical, prelaw, and undecided juniors and seniors.

Astronomy (AY) Courses

AY 101. Intro To Astronomy. 3 sem. hrs.
History of astronomy, the solar system, stars, galaxies, and the universe; recent discoveries about pulsars, black holes, and quasars will be discussed. NOTE: If the student plans to apply AY 101 toward satisfaction of the N requirement of the University Core Curriculum, AY 102 must also be taken.

AY 102. Intro Astronomy Lab. 1 sem. hr.
Observation of the sun, moon, and daytime astronomical activity. Indoor exercises include stellar spectra, H-R diagram, celestial sphere, and astronomical photographic analysis. NOTE: If the student plans to apply AY 102 toward satisfaction of the N requirement of the University Core Curriculum, AY 101 must also be taken. Prerequisite(s) with concurrency: AY 101.

AY 155. Life in the Universe. 3 sem. hrs.
“Life in the Universe” is a survey of the new and rapidly-developing interdisciplinary science of Astrobiology for the non-science major. This science brings the tools of astronomy and biology, as well as geology and chemistry, to attempt to answer questions like: How did life start on the Earth? Did life start elsewhere in our Galaxy? If there is life on other planets, how would we recognize it? Students taking this course will be introduced to the science of Astrobiology, the process of science, scientific thinking, and the fundamentals of astronomical and physical principals used throughout this course. Then students will explore our current state of knowledge and the nature of life on the earth, the geology of the earth as it makes our planet habitable to life, the origin of life on the earth, and the process of evolution. We will then apply this knowledge to the question of whether life currently exists, or could have existed in the past, on other bodies in our solar system including the planets Venus and Mars, the large moons of the planets Jupiter, Saturn and Neptune. We will then probe the effect of the history of our solar system on the habitability of various planets and moons. The final section of the course focuses on the possibilities of life on planets orbiting other stars in our galaxy (and beyond) by summarizing what is known and expected from surveys of planets orbiting other stars, the Search for Extra Terrestrial Intelligence, and the prospects for future interstellar travel.
AY 203. Observational Astronomy. 2 sem. hrs.
Students learn to observe and photograph planets, stars, and galaxies using portable telescopes on campus, the 16-inch telescope of the campus observatory, telescopes located in the darker skies at Moundville, and observatory telescopes in Arizona and Chile by internet control. Both indoor exercises and observing projects are undertaken. Students should normally have completed AY 101 or a more advanced astronomy course; people concurrently enrolled in AY 101 or AY 204 can be admitted with the permission of the instructor. NOTE: If the student plans to apply AY 203 toward satisfaction of the N requirement of the University Core Curriculum, AY 204 or AY 206 must also be taken. Prerequisite(s): MATH 113 or MATH 115 or MATH 125 or MATH 145.

AY 204. Solar System Astronomy. 3 sem. hrs.
This course provides (1) a discussion of orbital mechanics and of the interior structure, surface features, atmosphere, and origin of the sun, planets, and solar system; (2) an understanding of the detection techniques and current knowledge of extrasolar planets; and (3) a discussion on the possibility of life on other planets. NOTE: If the student plans to apply AY 204 toward satisfaction of the N requirement of the University Core Curriculum, AY 203 must also be taken. Prerequisite(s): MATH 113 or MATH 115 or MATH 125 or MATH 145.

AY 206. Astron Beyond Solar Syst. 3 sem. hrs.
This course provides (1) an introduction to the physical processes in stars and the evolution of stars that leads to the observed properties of stars; (2) a study of the final endpoints of stellar evolution including the nature and production of white dwarf stars, neutron stars, and black holes; (3) an introduction to the properties of galaxies, galactic dynamics, and star formation in galaxies, and (4) the cosmological model that accounts for the presently observed chemical composition of galaxies and stars, and for the presently observed dynamical structures of the Universe. NOTE: If the student plans to apply AY 206 toward satisfaction of the N requirement of the University Core Curriculum, AY 203 must also be taken. Prerequisite(s): MATH 113 or MATH 115 or MATH 125 or MATH 145.

AY 421. Theoretical Astrophysics. 3 sem. hrs.
Introduction to astrophysical processes in stellar atmospheres, stellar structure, stellar evolution, galactic structure, the interstellar medium, active galaxies, and quasars. Prerequisite(s): PH 253.

AY 433. Astronomical Technique. 3 sem. hrs.
Students will learn to perform astronomical observations with eye, telescope, and modern detectors, using techniques of photography, photometry, and spectroscopy. Students will gain familiarity with current software tools for data analysis, model fitting, and error analysis. Students will carry out and report on a complete research project, from concept and data collection to analysis and conclusions. Writing proficiency within this discipline is required for a passing grade in this course.

AY 450. Stars & Stellar Evolution. 3 sem. hrs.
This course is intended to facilitate a fairly complete understanding of stars, including their structure, evolution (formation, stages of burning, end states), synthesis of elements, and the physical processes involved in each of these, as well as introduce the modern computational modeling techniques used to apply stellar physics to stars. For astronomy students, this course will provide the background necessary to understand the underlying principles of stellar processes and modeling as they are used both in ongoing research into stellar physics and phenomena and in support of other areas of astronomical research where stellar populations, products and processes are important. In a broader context, relevant for any physics student, this course will discuss how understanding the physical principles in fluid dynamics, high-density materials, heat transfer, plasma physics, nuclear structure, and nuclear processes are assembled into our modern understanding of how stellar objects behave, and how the study of stars pushes the frontier of understanding in these areas of physics. Prerequisite(s): MATH 238.

AY 482. Selected Topics in Astronomy. 1-3 sem. hr.
This course may deal with any astronomy topic not covered by existing courses. The course title is added at the time the course is taught. Repeat credit is allowed for different course titles.

AY 491. Independent Study I. 1-3 sem. hr.
AY 492. Independent Study II. 1-3 sem. hr. (refer to AY 491 Independent Study I).

Biological Sciences (BSC) Courses

BSC 108. Intro Biology Non Maj I. 4 sem. hrs.
Lecture and laboratory. Not open to biology majors or minors, pre-health professions students, or students with credit for BSC 114:115 and BSC 116:117 (or the honors equivalents, BSC 118 and BSC 120). Survey of the basic principles of cellular biology, genetics, plant and animal diversity, and evolution. Usually offered fall, spring, and summer. BSC 108 and BSC 109 may be taken in either order.

BSC 109. Intro Biology Non Maj II. 4 sem. hrs.
Lecture and laboratory. Not open to biology majors or minors, or to pre-health professions students. Study of the physiology of living organisms with emphasis on the physiology of humans. Includes an overview of general ecology and animal behavior. Usually offered fall, spring and summer. BSC 108 and BSC 109 may be taken in either order.

For biology majors, biology minors and pre-health professions students. Study of general biological principles, including the chemical basis of life; cellular biology, including cell structure and metabolism, genetics and evolution; and a survey of simple organisms, including viruses, bacteria, protista and fungi. Offered fall, spring and summer. NOTE: A student must take both BSC 114 and BSC 115 in order to use either one of the courses to satisfy a portion of the natural science (N) requirement of the University Core Curriculum.

BSC 115. Laboratory Biology I. 1 sem. hr.
Prerequisite(s): BSC 114
Prerequisite(s) with concurrency: BSC 114.

For biology majors, biology minors, and pre-health professions students. Study of the structure, function, and ecology of organisms, including bryophytes, vascular plants, invertebrate animals, and vertebrate animals. Offered fall, spring, and summer. NOTE: A student must take both BSC 116 and BSC 117 in order to use either one of the courses to satisfy a portion of the natural science (N) requirement of the University Core Curriculum.

BSC 117. Biology II Laboratory. 1 sem. hr.
Prerequisite(s) with concurrency: BSC 116.

BSC 118. Honors General Biology I. 4 sem. hrs.
Lecture, discussion period, and laboratory. Thorough study of general biological principles, including the chemical basis of life, cellular biology, genetics, evolution, and a survey of prokaryotic organisms. Prerequisite(s): Honors attribute or ACT score of 28 or above.

BSC 120. Honors Gen Biology II. 4 sem. hrs.
Lecture, discussion period, and laboratory. Thorough study of the structure, function, physiology, and ecology of organisms, including higher and lower plants and vertebrates and invertebrate animals. Prerequisite(s): BSC 114 and BSC 115 or BSC 118.

Lecture, laboratory, and laboratory lecture. Integrated survey of human anatomy and physiology that includes cellular aspects; tissues and skin; the skeletal, muscular, nervous and endocrine systems; and the special senses of sight, hearing, taste, and smell. Prerequisite(s): BSC 108 or BSC 109 or BSC 112 or BSC 115 and BSC 116 and BSC 117; or CH 102 or CH 105 or CH 118.

BSC 216. Human Anatomy & Physiology II. 4 sem. hrs.
Lecture, laboratory, and laboratory lecture. Integrated survey of human anatomy and physiology that includes the respiratory, circulatory, digestive, urinary, and reproductive systems. Prerequisite(s): BSC 215.

BSC 220. Biol Evol. 3 sem. hrs.
An introductory course on the evidence for evolution, mechanisms of evolutionary change, natural and sexual selection, and common misconceptions about evolution.

BSC 242. Microbiology And Man. 4 sem. hrs.
For students majoring in nursing, education, and human environmental sciences. Lecture and laboratory. Introduction to microbiology with an emphasis on the relationships between man and protozoa, bacteria, viruses, and fungi. NOTE: Credit will not be granted for both BSC 242 and BSC 310. Prerequisite(s): CH 101 or CH 104 or CH 117; and CH 102 or CH 105 or CH 118; and BSC 108 or BSC 109 or BSC 114 or BSC 118 or BSC 215 or BSC 216.

BSC 300. Cell Biology. 3 sem. hrs.
The course is designed to provide an understanding of the molecular basis of cell function. Topics include metabolism, gene control, cell membranes, and cell-to-cell signal transduction. Prerequisite(s): BSC 114 or BSC 118; and CH 102 or CH 118.

BSC 303. Field Zoology. 3 sem. hrs.
A field-based course with lecture and lab combined. A survey of the taxonomy, ecology, and identification of local biota. Offered irregularly. Prerequisite(s): BSC 114; and BSC 115 or BSC 118; and BSC 116; and BSC 117 or BSC 120.
BSC 310. Microbiology. 3 sem. hrs.
Lecture. Survey course on microorganisms, including protozoa, bacteria, viruses, fungi, and algae. Credit will not be granted for both BSC 310 and BSC 242.
Prerequisite(s): BSC 114; and BSC 115 or BSC 118; and BSC 116; and BSC 117 or BSC 120
Prerequisite(s) with concurrency: CH 231.

BSC 311. Gen Bacteriol & Physiol. 3 sem. hrs.
Fundamental course in bacteriology with emphasis on bacterial morphology, physiology, nutrition, and genetics.
Prerequisite(s): BSC 310 and CH 232.

BSC 312. Microbiology Lab. 2 sem. hrs.
General microbiology laboratory to accompany BSC 310.
Prerequisite(s): BSC 310
Prerequisite(s) with concurrency: BSC 310.

BSC 313. Gen Bacteriology Lab. 3 sem. hrs.
Lecture and laboratory. Course presents methods for the isolation, microscopic observation, enumeration, and determination of the biochemical characteristics of bacteria.
Prerequisite(s): BSC 312
Prerequisite(s) with concurrency: BSC 311.

BSC 314. Dendrology. 3 sem. hrs.
This class will be a combination of lectures, field trips, and some inside laboratory plant identification exercises. The majority of the class will be conducted in natural areas surrounding Tuscaloosa. Most class time is dedicated to lab- and field-based activities.
Prerequisite(s): BSC 114 and BSC 115 or BSC 118 and BSC 116 and BSC 117 or BSC 120 or permission of the instructor.

BSC 315. Genetics. 3 sem. hrs.
Study of transmission and function of genes, gene organization, regulation of prokaryotic and eukaryotic genes, and applications of genetics.
Prerequisite(s): BSC 114 or BSC 118; and CH 101 or CH 117; and CH 102 or CH 118.

BSC 320. Freshwater Studies. 4 sem. hrs.
Lecture and laboratory. Introduction to freshwater natural history and ecology with specific emphasis on the common freshwater habitats of Alabama.
Prerequisite(s): BSC 114; and BSC 115 or BSC 118; and BSC 116; and BSC 117 or BSC 120.

BSC 325. Tropical Plant Diversity. 4 sem. hrs.
The purpose of this course is to familiarize students with the relevant aspects of tropical ecosystems and tropical plants.
Prerequisite(s): BSC 114 or BSC 118; and BSC 115; and BSC 116 or BSC 120; and BSC 117.

Introduces students to basic principles of natural resources conservation, including fundamental concepts in natural resource conservation and management. Examines humanity's past and present impacts on world environments; the influence of culture and the wants, needs, and desires of human beings will be integrated into the material. Discusses conservation of natural resources, including soil, water, air, forests, rangelands, energy, wildlife and fisheries, based on scientific principles.
Prerequisite(s): (BSC 114 and BSC 115 or BSC 118) OR (BSC 116 and BSC 117 or BSC 120).

BSC 360. Plant Biology. 4 sem. hrs.
Lecture and laboratory. Introduction to the biology of embryophytes with emphasis on their development, evolution, and ecology.
Prerequisite(s): BSC 114; and BSC 115 or BSC 118; and BSC 116; and BSC 117 or BSC 120.

BSC 373. Vertebrate Zoology. 4 sem. hrs.
Lecture and laboratory. Introductory course in the study of vertebrate zoology. Subjects included are principles of systematics and nomenclature, a survey of vertebrate taxa, the species concept, analysis of taxonomic characters, and an introduction to zoogeography and behavior.
Prerequisite(s): BSC 114; and BSC 115 or BSC 118; and BSC 116; and BSC 117 or BSC 120.

BSC 376. Invertebrate Zoology. 4 sem. hrs.
Lecture and laboratory. The classification, morphology, evolution, and ecology of invertebrate animals.
Prerequisite(s): BSC 114; and BSC 115 or BSC 118; and BSC 116; and BSC 117 or BSC 120.

BSC 380. Introduction to probability and statistics for biologists. 3 sem. hrs.
This course will provide an introduction to probability and statistical methods that are commonly used in the biological sciences. Practical, real-world examples from biology, ecology, and natural resources management will be used throughout the course. This course is aimed at 300-level students who intend to work with biological data, or anyone interested in statistics. Computing proficiency is required for a passing grade in this course.
Prerequisite(s): MATH 112 or MATH 115 or MATH 125 or MATH 145 and CS 102.

BSC 385. Ecology and Evolution. 3 sem. hrs.
This course introduces the student to two fundamental disciplines in biology – ecology and evolution. We introduce the student to the processes common to both disciplines and show how these have shaped the diversity and organization of life on this planet.
Prerequisite(s): MATH 112 or MATH 115 or MATH 121 or MATH 125 or MATH 145; and BSC 114; and BSC 115 or BSC 118; and BSC 116; and BSC 117 or BSC 120.

BSC 386. General Ecology Lab. 2 sem. hrs.
Offered irregularly.
Prerequisite(s): BSC 385
Prerequisite(s) with concurrency: BSC 385.

BSC 390. Honors Thesis Research. 1-8 sem. hr.
Individual research conducted under the direction of an advisor and reported in an acceptable thesis. May be repeated over two to four semesters for a maximum 8 hours.
Prerequisite(s): BSC 315 and BSC 380.

BSC 391. Tutorial In Biol Science. 1-2 sem. hr.
Survey of the literature relating to a topic approved by the supervising faculty member; not to include laboratory or field research. A formal paper and/or examination is required. May be taken for one credit hour in each of two consecutive semesters, or for one or two credit hours in any one semester. Offered according to demand.
Prerequisite(s): BSC 114; and BSC 115 or BSC 118; and BSC 116; and BSC 117 or BSC 120.

BSC 393. Biology Outreach. 2 sem. hrs.
Outreach course that includes survey of the literature relating to a topic approved by instructor. Design of active learning projects to emphasize a basic biological concept and teaching basic science concepts to elementary students. A maximum of 4 hours credit may be applied to the requirements for the biology or microbiology major.
Prerequisite(s): BSC 114; and BSC 115 or BSC 118; and BSC 116; and BSC 117 or BSC 120.

BSC 396. Resident Study. 1-6 sem. hr.
Prerequisite: Written approval from the department office prior to registration. Credit awarded is determined by the extent of the student's participation but may not exceed 6 hours.
Prerequisite(s): BSC 114; and BSC 115 or BSC 118; and BSC 116; and BSC 117 or BSC 120.

BSC 396. Undergraduate Research. 1-4 sem. hr.
Independent research or research participation. A maximum of 4 hours credit for BSC 396 may be applied to the requirements of the biology and microbiology majors; an additional 4 hours may be taken as elective credit and applied to the 120-hour requirement.
Prerequisite(s): BSC 114; and BSC 115 or BSC 118; and BSC 116; and BSC 117 or BSC 120.

BSC 399. Presentation of UG Research. 2 sem. hrs.
Exploration of the process of presenting research results in different written formats including: abstract, poster, and full journal article. How the needs for clear presentation and response to peer review can inform the experimental process will also be covered.
Prerequisite(s): BSC 396.

BSC 400. Vertebrate Funct Morphol. 4 sem. hrs.
Recommended for pre-health professions students. Lecture and laboratory. The comparative anatomy of the vertebrates with emphasis on functional features of several vertebrate species. Laboratory work deals mainly with identifying anatomical features of several vertebrate species.
Prerequisite(s): BSC 114 and BSC 115; or BSC 118; and BSC 116 and BSC 117; or BSC 120; or BSC 300.

BSC 403. Intro To Bsc Instruction. 2 sem. hrs.
Prerequisites: BSC 114:115 or BSC 118, BSC 116:117 or BSC 120, and junior or senior standing, formal application, and a satisfactory interview.
Prerequisite(s): BSC 114 and BSC 115; or BSC 118; BSC 116 and BSC 117; or BSC 120.
BSC 404. Honors Intro To Bsc Instruction. 2 sem. hrs.
Prerequisites: BSC 114:115 or BSC 118, BSC 116:117 or BSC 120, and junior or senior standing. Honors attribute, formal application, and a satisfactory interview. Prerequisite(s): BSC 114 and BSC 115; or BSC 118; and BSC 116 and BSC 117; or BSC 120.

BSC 407. Honors Seminar In Bsc. 1 sem. hr.
Seminar and discussion. In the first semester, students present seminars based on the current literature. In the second semester, students present seminars derived from their honors theses. A maximum of 2 hours of credit for BSC 407 may be applied to the requirements of the biology or microbiology major. Offered according to demand.

BSC 409. Pre-Health Apprenticeship I. 2 sem. hrs.
This course provides a one semester apprenticeship at a local health care facility and is intended for all pre-health professional students. This course also has a service learning component. It does not count as applicable hours for the biology major or minor.

BSC 410. Pre-Health Apprenticeship II. 2 sem. hrs.
This course provides a one semester apprenticeship at a local health care facility and is intended for all pre-health professional students. This course also has a service learning component. It does not count as applicable hours for the biology major or minor.

BSC 412. Limnology. 3 sem. hrs.
Study of freshwater environments and the organisms that live in lakes, ponds, and streams. May be taken with BSC 413 or separately. Prerequisite(s): BSC 114; and BSC 115 or BSC 118; and BSC 116; and BSC 117 or BSC 120.

BSC 415. Wetland Ecology. 3 sem. hrs.
An in-depth analysis of wetland ecology emphasizing the biology and ecology of vascular plants, including plant adaptations to anaerobic soils, reproductive adaptations, habitat and plant zonation, and the role of plants in ecosystem function. Offered in alternate years. Prerequisite(s): BSC 385.

BSC 417. Environmental Modeling. 3 sem. hrs.
An integrated study of quantitative principles and computer-based solution techniques important for understanding environmental systems and for environmental problem solving. Prerequisite(s): MATH 125 and CH 101 or CH 117; and CH 102 or CH 118 and BSC 385.

BSC 420. Principles Of Systematics. 4 sem. hrs.
Introduction to the principles, methods, and applications of systematics to analysis of morphological and molecular data. Includes introduction to biological classifications and nomenclature. Prerequisite(s): BSC 360 or BSC 373 or BSC 376 or BSC 483.

BSC 421. Personalized and Genetic Medicine. 3 sem. hrs.
This course will examine biological techniques that are advancing medical research and care. Topics include personalized medicine, direct-to-consumer genetic testing, predictive medicine, pharmacogenomics, and preimplantation genetic diagnosis. It will also explore concomitant ethical, legal, and societal ramifications related to many of these discoveries, such as ownership of biological material, informed consent for human experimentation, the burden of knowledge regarding genetic information, eugenics, and the Genetic Information Non-Discrimination Act. Prerequisite(s): BSC 300 and BSC 315.

BSC 422. Biology of Cancer. 3 sem. hrs.
This course is an introduction to the biological principals that explain the origins, development, pathology, and treatment of cancer. Students will work in teams assigned to particular types of cancer and will investigate what is known on various topics as related to that type of cancer. Prerequisite(s): BSC 300 minimum grade of C- and BSC 315 minimum grade of C-.

BSC 424. Human Physiology. 3 sem. hrs.
Topics covered are the digestive, nervous, reproductive, immune, muscular, blood, cardiovascular, respiratory, urinary, and body-fluid systems. May be taken with BSC 425 or separately. Prerequisite(s): BSC 300.

BSC 425. Human Physiology Lab. 2 sem. hrs.
Hands-on experience for understanding the principles and mechanisms of physiological processes of the human body. Major emphases on organ system performance, whole-body metabolism, and energetics. Prerequisite(s): BSC 424 Prerequisite(s) with concurrency: BSC 424.

BSC 428. Biology Of Fishes. 4 sem. hrs.
Lecture and laboratory. Survey of the structure, function, ecology, and classification of fishes. Offered in alternate years. Prerequisite(s): BSC 385.

BSC 431. Pathogenic Microbiology. 3 sem. hrs.
Study of microorganisms related to health and disease with emphasis on molecular mechanism of pathogenesis. Offered in alternate years. Prerequisite(s): BSC 310.

BSC 432. Pathogenic Microbiol Lab. 3 sem. hrs.
Practical experience in the isolation, characterization, and identification of pathogenic microorganisms. Offered in alternate years. Prerequisite(s): BSC 312 Prerequisite(s) with concurrency: BSC 431.

BSC 434. Plant Systematics. 4 sem. hrs.
Lecture and laboratory. Characteristics and distribution of the major families of vascular plants as well as practice in the collection and identification of flowering plants. One weekend field trip required. Offered in alternate years. Prerequisite(s): BSC 360.

BSC 435. Immunology. 4 sem. hrs.
Thorough exploration of various aspects of modern immunology at the molecular and cellular levels. Prerequisite(s): BSC 310.

BSC 436. Immunology Laboratory. 3 sem. hrs.
Practical experience in modern immunological techniques. Offered in alternate years. Prerequisite(s): BSC 435 Prerequisite(s) with concurrency: BSC 435.

BSC 439. Bio/Molecular Biology Lab. 3 sem. hrs.
Students participate in the generation of new knowledge, thus the experiments vary. Techniques taught include agarose gel electrophoresis, cycle sequencing, sequence analysis, plasmid purification, restriction endonuclease digestion, gel purification of DNA, ligation, transformation, primer design, PCR, gene knockouts, protein fusions, and enzyme assays. Prerequisite(s): BSC 450.

BSC 441. Developmental Biology. 3 sem. hrs.
The course provides basic information about events in developing animal systems, emphasizing cellular, molecular, and genetic research approaches to the study of development. Prerequisite(s): BSC 300 and BSC 315.

BSC 442. Integrated Genomics. 4 sem. hrs.
An advanced discovery-based laboratory course designed to introduce the process of gene discovery and integrate modern genomics techniques and bioinformatic database usage. Prerequisite(s): BSC 300 and BSC 315 Prerequisite(s) with concurrency: BSC 315.

BSC 444. General Virology. 3 sem. hrs.
A survey of viruses, viral replication, and viral pathogenesis, including bacterial, animal, and plant viruses. The role of viruses in molecular biology is emphasized. Prerequisite(s): BSC 300 or BSC 310.

BSC 448. Animal Behavior. 3 sem. hrs.
This course is designed to provide modern perspectives on the study of animal behavior, pulling from fields as diverse as evolutionary biology, ecology, neurobiology and economics. However there will be a historical undercurrent which will illustrate the roots of this truly interdisciplinary field. Prerequisite(s): BSC 114; and BSC 115 or BSC 116 or BSC 118; and BSC 117 or BSC 120; and BSC 385.

BSC 449. Endocrinology. 3 sem. hrs.
A detailed examination of the vertebrate endocrine system that uses a comparative approach to explore intricate relationships between the brain, endocrine glands, hormones and target organs. Prerequisite(s): BSC 114; and BSC 115 or BSC 116; and BSC 117 or BSC 120; and BSC 300.

BSC 450. Fundamentals of Biochemistry. 3 sem. hrs.
A one-semester survey of protein structure, enzymes, bioenergetics, metabolism and its regulation. Designed for advanced undergraduate students. Prerequisite(s): BSC 300 minimum grade of C- and CH 232 minimum grade of C-.

BSC 451. Molecular Biology. 3 sem. hrs.
A one-semester survey of molecular biology that emphasizes gene structure, function, and regulation of expression. Offered spring semester. Prerequisite(s): BSC 311 or BSC 315; and BSC 450; and CH 482 or.

BSC 456. Microbial Ecology. 3 sem. hrs.
Study of microorganisms in the environment, with emphasis on their roles in energy transformations, biogeochemical cycles, and biotic interactions. Prerequisite(s): BSC 310 or BSC 385.
BSC 460. Human Developmental Biology. 4 sem. hrs.
Lecture and laboratory. Development of the human embryo and fetus, including molecular, physiological, and structural aspects of morphogenesis, and functional development. Offered in alternate years. Prerequisite(s): BSC 114; and BSC 115 or BSC 118; and BSC 116; and BSC 117 or BSC 120; and BSC 300.

BSC 464. Biology Of Algae. 4 sem. hrs.
Lecture and laboratory. Freshwater and marine algae: their structure, development, taxonomy, and distribution. Prerequisite(s): BSC 360 or BSC 310.

BSC 465. Prin Of Toxicology. 3 sem. hrs.
The study of adverse effects of chemicals on living organisms and methods for predicting the likelihood of such effects, including descriptive, mechanistic, and regulatory aspects. Prerequisite(s): BSC 300 and BSC 315.

BSC 469. Histology Of Vertebrates. 4 sem. hrs.
Lecture and laboratory. Identification of tissue types and components, histogenesis and function of tissues. Prerequisite(s): BSC 114; and BSC 115 or BSC 118; and BSC 116; and BSC 117 or BSC 120; and BSC 300.

Population genetics is the study of how evolutionary forces (genetic drift, natural selection, mutation, and gene flow) affect allele and genotype frequencies in populations. Population genetics is a field with a rich theoretical history that has allowed scientists to make predictions about these evolutionary processes. With the advent of massive amounts of genetic data in many species, it is now possible to test these predictions, and a solid foundation in theory, its expectations, and assumptions is crucial for interpreting results from genetic analyses. Students should expect to learn how evolutionary forces acting on individuals affect patterns of inheritance and ultimately drive the changes we see between species. Prerequisite(s): BSC 315 minimum grade of C- and BSC 385 minimum grade of C- or permission of the instructor.

BSC 471. Plant Physiology. 3 sem. hrs.
A general survey for upper-level undergraduate students covering all aspects of plant physiology including plant transport, translocation of sugars in plants, plant biochemistry, plant metabolism, plant growth and development, photosynthesis, nitrogen fixation, flowering and plant hormones. The course will consist of lectures, in-class experiments, group discussions, presentations and other activities relating to course material. Prerequisite(s): BSC 300 and BSC 360.

BSC 472. Mycology. 4 sem. hrs.
Lecture and laboratory. Introduction to the fungi and their biology, including aspects of their structure and function, taxonomy, genetics, and ecology. Offered in alternate years. Prerequisite(s): BSC 310.

BSC 475. General Entomology. 4 sem. hrs.
Lecture and laboratory. Survey of the structure, function, classification, and habits of insects. Prerequisite(s): BSC 385.

BSC 476. Aquatic Insects. 4 sem. hrs.
Lecture and laboratory. Survey of aquatic insects with emphasis on their identification, life histories, and ecology. Offered in alternate years. Prerequisite(s): BSC 385.

BSC 480. Plant Ecology. 3 sem. hrs.
This course will examine the ecology of plants at different levels: individual, population and community. Prerequisite(s): BSC 385 and BSC 360.

BSC 482. Conservation Biology. 3 sem. hrs.
A thorough examination of the principles of conservation biology. Prerequisite(s): BSC 385.

BSC 483. Evolution. 3 sem. hrs.
Thorough investigation of evolution, including population genetics, molecular evolution, adaptation, and speciation. Offered in the spring semester. Prerequisite(s): BSC 385 and BSC 315.

BSC 484. Aquatic Biology Seminar. 1 sem. hr.
Review and discussion of current topics in aquatic biology. Prerequisite(s): BSC 320 and BSC 385; and BSC 412 or BSC 490.

BSC 485. Foundations in Forest Resources and Conservation. 3 sem. hrs.
This course provides an introduction to the foundational ideas of forest resources and conservation. The course includes a history of the forestry profession and a variety of perspectives to develop students' knowledge of forestry field and research methods. This course also helps students develop an understanding and appreciation of the diversity of forest resources both here in Alabama and globally. Prerequisite(s): (BSC 114 minimum grade of C- or BSC 118 minimum grade of C-) and (BSC 116 minimum grade of C- or BSC 120 minimum grade of C-) and BSC 340 minimum grade of C-.

BSC 487. Biogeography. 3 sem. hrs.
Examination of the ecological and historical factors influencing the geographic distribution of plants and animals. Offered alternate years. Prerequisite(s): BSC 385.

BSC 490. Stream Ecology. 4 sem. hrs.
Lecture and laboratory. Thorough study of the structural (physical and biological) and functional attributes (energy flow, nutrient cycling, community structure) characteristic of stream and river ecosystems. Offered in alternate years. Prerequisite(s): BSC 385.

BSC 493. Cell Cycle Regulation. 3 sem. hrs.
In-depth review and discussion of recent scientific research literature dealing with mechanisms of eukaryotic cell cycle regulation and their significance in human cancers. Provides a foundation for further studies in the cell cycle field, which impacts many areas of cell, molecular, and developmental biology. Prerequisite(s): BSC 300 minimum grade of C- and BSC 315 minimum grade of C- and BSC 450 minimum grade of C-.

BSC 497. Special Topics. 1-4 sem. hr.
A biological sciences topic not covered in other courses. The credit hours and format are determined as appropriate to the topic, and a course title is added to the schedule of classes. Offered according to demand. Prerequisite(s): BSC 114; and BSC 115 or BSC 118; and BSC 116; and BSC 117 or BSC 120.

Blount Undergraduate Initiative (BUI) Courses

BUI 100. Convocation. 1 sem. hr.
Experiences to extend and complement the Blount Undergraduate Initiative foundation courses. May be repeated once for credit.

A text-centered exploration of major questions that integrate liberal arts education and form the basis of the Blount Undergraduate Initiative. Emphasis is on origins of the natural world, human culture, and human understanding.

BUI 102. Foundation: Possibilities. 3 sem. hrs.
A text-centered exploration of major questions that integrate liberal arts education and form the basis of the Blount Undergraduate Initiative. Emphasis is on significant issues in the discourse on human possibilities.

BUI 301. Thematic Seminar. 3 sem. hrs.
A text-centered study of one of the core problems that define the history of ideas in the liberal arts. May be repeated for a maximum of 12 hours.

BUI 401. Blount Capstone Worldviews. 3 sem. hrs.
An examination of the “worldviews” of various epochs and the completion of a senior project. Students learn how individual beliefs about what is actual, what is possible, and what is desirable can be combined into a single unified understanding of the world, and how such a worldview has implications for what we should do and how we should live.

Chemistry (CH) Courses

CH 101. General Chemistry. 4 sem. hrs.
Three lectures and one three-hour laboratory. Degree credit is not awarded for both CH 101 and CH 107 or for both CH 101 and CH 117. A survey of the fundamental facts, principles, and theories of general chemistry. Usually offered in the fall, spring, and summer semesters. Prerequisite(s): MAPL of 467 or higher or ACT of 24 or higher or SAT of 560 or higher or MATH 100 or MATH 112 or MATH 113 or MATH 115 or MATH 121 or MATH 125 or MATH 126 or MATH 145 or MATH 146 or MATH 100 or MATH 112 or MATH 113 or MATH 115 or MATH 121 or MATH 125 or MATH 126 or MATH 145 or MATH 146.

CH 102. General Chemistry. 4 sem. hrs.
Three lectures and one three-hour laboratory. Degree credit is not awarded for both CH 102 and CH 105 or both CH 102 and CH 108. Continuation of CH 101, with basic inorganic chemistry. Includes a systematic study of the elements and the structures, properties, and reactions of their compounds. Usually offered in the fall, spring, and summer semesters. Prerequisite(s): CH 101 or CH 117.
CH 104. Introductory Chemistry. 4 sem. hrs.
Three lectures and one three-hour laboratory. The course is primarily for students in the Capstone College of Nursing and the College of Human Environmental Sciences; it may not be substituted for CH 101 except with departmental permission. Degree credit is not awarded for both CH 104 and CH 107. An introductory survey of the facts, principles, and theories of chemistry. Usually offered in the fall and summer semesters.

CH 105. Introductory Org Chem. 4 sem. hrs.
Three lectures and one three-hour laboratory. Not open to chemistry majors or minors or to students who have earned credit for CH 102. Degree credit is not awarded for both CH 105 and CH 102 or both CH 105 and CH 108. The course may not be substituted for CH 101 or CH 102. Brief survey of organic and biochemistry. Usually offered in the spring and summer semesters.

Prerequisite(s): CH 104 or CH 101.

CH 117. Honors General Chemistry. 4 sem. hrs.
Three lectures and one three-hour laboratory. Not open to students who have earned credit for CH 102. Degree credit is not awarded for both CH 118 and CH 102; both CH 118 and CH 105, or both CH 118 and CH 108. Continuation of CH 117 with basic inorganic chemistry. Includes a comprehensive study of the fundamental facts, principles, and theories of general chemistry. Usually offered in the fall semester.

CH 118. Honors General Chemistry. 4 sem. hrs.
Three lectures and one three-hour laboratory. Not open to students who have earned credit for CH 102. Degree credit is not awarded for both CH 118 and CH 102; both CH 118 and CH 105, or both CH 118 and CH 108. Continuation of CH 117 with basic inorganic chemistry. Includes a comprehensive study of the fundamental facts, principles, and theories of general chemistry. Usually offered in the fall semester.

Prerequisite(s): CH 104 or CH 101.

CH 155. Forensic Science. 3 sem. hrs.
The course will present an overview of forensic science. The course will focus on processing a crime scene as well as other topics used to connect a suspect to a given crime.

CH 223. Quantitative Analysis. 4 sem. hrs.
Three lectures and one three hour laboratory. Comprehensive course covering classical methods of quantitative analysis as well as an introduction to electrochemical, spectroscopic and chromatographic methods. Usually offered in the fall, spring and summer semesters.

Prerequisite(s): CH 102 or CH 118.

Three lectures. The course is an introduction to the theory and principles of organic chemistry. Topics include organic structure, syntheses, and analyses. Usually offered in the fall, spring, and summer semesters.

Prerequisite(s): CH 102 or CH 118.

Three lectures. This course is a continuation of CH 231. Usually offered in the fall, spring, and summer semesters.

Prerequisite(s): CH 231.

One lecture and five-hour laboratory. Designed for chemistry majors and chemistry minors to take concurrently with CH 232. Usually offered in the fall, spring, and summer sessions.

Prerequisite(s): CH 231.

One lecture and five-hour laboratory. The course is designed for chemistry majors. Usually offered in the fall semester. Writing proficiency within this discipline is required for a passing grade in this course.

Prerequisite(s): CH 232 and CH 237.

CH 340. Elem Physical Chem. 3 sem. hrs.
Three lectures. This course is designed for students in the pre-health professional degree or pursuing the chemistry minor and is a study of the application of physical chemical concepts in biological systems. It is a prerequisite for the following courses: CH 223 and PH 102 or PH 106 or PH 126.

CH 341. Physical Chemistry. 3 sem. hrs.
Three lectures. The course is designed for chemistry majors and is a study of the structure and properties of matter with emphasis on theoretical principles and their mathematical interpretation. Usually offered in the fall semester.

Prerequisite(s): CH 223 and PH 106 or PH 126; and MATH 126 or MATH 146 with concurrency: MATH 227 or MATH 247.

Prerequisite(s): CH 341.

CH 342. Physical Chemistry. 3 sem. hrs.
Three lectures. The course is designed for chemistry majors. Continuation of CH 341. Usually offered in the spring semester.

Prerequisite(s): CH 341.

CH 343. Elem Phy Chem Lab. 1 sem. hr.
One three-hour laboratory. The course is designed to be taken concurrently with CH 340. Usually offered in the fall semester.

Prerequisite(s) with concurrency: CH 340.

CH 348. Physical Chemistry Lab. 2 sem. hrs.
6 hours of laboratory. The course is designed to be taken concurrently with CH 342. Usually offered in the spring semester. Writing proficiency within this discipline is required for a passing grade in this course.

Prerequisite(s): CH 341.

Prerequisite(s) with concurrency: CH 342.

CH 396. Undergrad Research. 1-3 sem. hr.
3 hours laboratory per credit hour. The student works on a research project under the direction of a chemistry faculty member. CH 396 is offered in the fall, CH 398 is offered in the spring, and CH 399 is offered in the summer.

CH 398. Undergrad Research. 1-3 sem. hr.
3 hours laboratory per credit hour. The student works on a research project under the direction of a chemistry faculty member. CH 396 is offered in the fall, CH 398 is offered in the spring, and CH 399 is offered in the summer.

CH 405. Medicinal Chemistry. 3 sem. hrs.
Fundamental considerations in drug design. Includes lead discovery, target identification and validation, pharmacodynamics, pharmacokinetics and metabolism, and formulations/delivery systems. Chemical modifications to improve efficacy and pharmacokinetics will be emphasized.

Prerequisite(s): CH 232 and either CH 461, BSC 300, or BSC 450.

CH 409. Organometallic Chemistry. 3 sem. hrs.
Survey of the typical reactions of organotransition metal complexes with a focus on the fundamental mechanisms of these reactions and the application of organometallic catalysts.

Prerequisite(s): CH 341 or CH 401 or CH 413.

CH 410. Scientific Glassblowing. 3 sem. hrs.
The course introduces students to the fundamentals of scientific glassblowing through hands-on training. Usually offered during interim.

CH 413. Inorganic Chemistry. 4 sem. hrs.
Three lectures and one three-hour laboratory. Survey in areas of coordination, main-group, and organometallic chemistry. Laboratory experiments involve the preparation, purification, and identification of inorganic compounds. Usually offered in the fall semester.

Prerequisite(s): CH 338 and CH 341.

CH 424. Instrumental Analysis. 4 sem. hrs.
Two lectures and one five-hour laboratory. The course covers the general operating principles of the commonly used analytical instruments with an emphasis on theory. Wherever possible, mathematical interpretations and derivations are given. Usually offered in the spring semester. Writing proficiency within this discipline is required for a passing grade in this course.

Prerequisite(s): CH 223 and CH 341.

Prerequisite(s) with concurrency: CH 348.

CH 432. Advanced Synthetic Organic Chemistry. 3 sem. hrs.
This course will serve as a co-listed course with CH 532. The main goal of this course is to instruct advanced organic chemistry to undergraduates.

Prerequisite(s): CH 232.

CH 435. Inter Organic Chem. 3 sem. hrs.
Three lectures. The course is designed to familiarize the student with mechanistic and synthetic organic chemistry. Usually offered in the fall semester.

Prerequisite(s): CH 232 and CH 342.

CH 437. Spectroscopic Techniques. 3 sem. hrs.
This course is an introduction to the theory, application, and interpretation of four major types of structural analysis used by synthetic chemists: absorption, infrared, and nuclear magnetic resonance spectroscopy, as well as mass spectrometry. We will focus heavily on interpretation of spectra and application of these tools to address questions of structure and reactivity. While this is an organic chemistry course, examples of applications to organometallic and inorganic materials will also be presented.

Prerequisite(s): CH 232, 338, 342, and 348.

CH 449. Atom & Mole Structures. 3 sem. hrs.
Three lectures. Introduction to quantum mechanics and statistical thermodynamics. Usually offered in the fall semester.

Prerequisite(s): CH 338 and CH 342 and CH 348.

Three lectures. Survey of the physical and chemical properties of the molecular components and methods of isolating and analyzing them. Usually offered in the fall semester.

Prerequisite(s): CH 223 and CH 232 and CH 237.
CH 462. Biochemistry II. 3 sem. hrs.
Three lectures. Survey of the principal pathways of carbon, nitrogen, and energy metabolism and clinical and forensic chemistry. Usually offered in the spring semester.
Prerequisite(s): CH 461 or BSC 300.

CH 463. Biochem-Clin/Foren-Chem. 3 sem. hrs.
One lecture and one six-hour laboratory. Biochemical techniques within the structure of a semester-long research project. Topics include protein purification and chromatography, spectroscopy, electrophoresis, kinetics, and DNA manipulation. Writing proficiency within this discipline is required for a passing grade in this course.
Prerequisite(s): CH 461
Prerequisite(s) with concurrency: CH 462.

CH 466. Bioorganic Chemistry. 3 sem. hrs.
This course will be divided into two main areas. We will begin with methods for studying enzyme reaction mechanisms. This section will include steady-state enzyme kinetics, derivation of rate equations, enzyme inhibition, isotopic exchange methods, pH and viscosity effects, kinetic isotope effects, and site-directed mutagenesis. We will then utilize these methods in order to investigate the chemical mechanisms enzymes use to catalyze specific reactions (hydrolysis; group transfer; 1,1 hydrogen shift; 1,2 hydrogen shift; C-C bond formations; and redox chemistry). We will also cover the chemistry associated with several cofactors required by enzymes (flavins, thiamin pyrophosphate, tetrahidrololate, etc).
Prerequisite(s): CH 461.

CH 491. Honors Research Sem. 1 sem. hr.
The course is designed for students in the Chemistry Department Honors Program. CH 491 and CH 493 are offered in the fall semester; CH 492 and CH 494 are offered in the spring semester.

CH 492. Honors Research Sem. 1 sem. hr.
The course is designed for students in the Chemistry Department Honors Program. CH 491 and CH 493 are offered in the fall semester; CH 492 and CH 494 are offered in the spring semester.

CH 493. Honors Research Sem. 1 sem. hr.
The course is designed for students in the Chemistry Department Honors Program. CH 491 and CH 493 are offered in the fall semester; CH 492 and CH 494 are offered in the spring semester.

CH 494. Honors Research Sem. 1 sem. hr.
The course is designed for students in the Chemistry Department Honors Program. CH 491 and CH 493 are offered in the fall semester; CH 492 and CH 494 are offered in the spring semester.

CH 497. Intro To Research. 1-3 sem. hr.
Three hours laboratory per credit hour. The student works on a research project under the direction of a chemistry faculty member. A final research report is required. CH 497 is offered in the fall; CH 498 is offered in the spring; and CH 499 is offered in the summer.
Prerequisite(s): CH 232 and CH 338 and CH 348 and CH 342.

CH 498. Intro To Research. 1-3 sem. hr.
Three hours laboratory per credit hour. The student works on a research project under the direction of a chemistry faculty member. A final research report is required. CH 497 is offered in the fall; CH 498 is offered in the spring; and CH 499 is offered in the summer.
Prerequisite(s): CH 232 and CH 338 and CH 342 and CH 348.

CH 499. Intro To Research. 1-3 sem. hr.
Three hours laboratory per credit hour. The student works on a research project under the direction of a chemistry faculty member. A final research report is required. CH 497 is offered in the fall; CH 498 is offered in the spring; and CH 499 is offered in the summer.
Prerequisite(s): CH 232 and CH 338 and CH 342 and CH 348.

CHI 101. Elementary Chinese. 4 sem. hrs.
Contemporary Chinese Language (Mandarin): speaking, listening, reading and writing of simplified Chinese characters. The class meets five hours per week with an instructor. This course is intended for students with NO PRIOR KNOWLEDGE of Chinese. Native speakers or near native speakers of the language are NOT allowed to enroll. Any students with background knowledge of this language must see the program director before enrolling.

CHI 102. Elementary Chinese. 4 sem. hrs.
This is a continuation of Chinese language (Mandarin) on the elementary level. Course goals include stress on authentic reading and writing Chinese and a continuation of speaking with listening comprehension. The class meets five hours per week with an instructor. Native speakers or near native speakers of the language are NOT allowed to enroll.
Prerequisite(s): CHI 101.

CHI 201. Intermediate Chinese. 3 sem. hrs.
This is a continuation of Chinese language on the intermediate level. Course goals include stress on reading and writing Chinese and a continuation of speaking with listening comprehension. Native speakers or near native speakers of the language are NOT allowed to enroll.
Prerequisite(s): CHI 101 and CHI 102.

This is a continuation of CHI 201. Emphasis on authentic Chinese reading and writing as well as culture. Native speakers or near native speakers of the language are NOT allowed to enroll.
Prerequisite(s): CHI 201.

CHI 301. Third-year Chinese. 3 sem. hrs.
Study of contemporary Chinese language and culture. Emphasis is on the development of reading and writing skills in cultural context. Native speakers or near native speakers of the language are NOT allowed to enroll.
Prerequisite(s): CHI 202.

CHI 302. Third-year Chinese. 3 sem. hrs.
Continuation of CHI 301. Study of contemporary Chinese language and culture. Native speakers or near native speakers of the language are NOT allowed to enroll.
Prerequisite(s): CHI 301.

CHI 350. Traditional Chinese Lit Trans. 3 sem. hrs.
Introduction to Chinese literature from the earliest times to the 20th century. No knowledge of Chinese is required.

CHI 351. Modern Chinese Lit Trans. 3 sem. hrs.
Introduction to 20th-century Chinese literature. No knowledge of Chinese is required.

CHI 353. Conversation/Composition. 1-4 sem. hr.
This course is intended for students of the intermediate level Chinese. Classes emphasize communicative aspects of socially correct conversational skill as well as reading and writing of authentic contemporary Chinese (Mandarin).
Prerequisite(s): CHI 202.

CHI 354. Conversation/Composition. 1-4 sem. hr.
Continuation of CHI 353 with more emphasis on reading and writing of Chinese.
Prerequisite(s): CHI 353.

CHI 401. Advanced Reading and Writing Chinese I. 3 sem. hrs.
Advanced level Chinese. Emphasis on reading and writing of modern Chinese (Mandarin). Native speakers or near native speakers of the language are NOT allowed to enroll.
Prerequisite(s): CHI 302.

CHI 402. Advanced Reading and Writing Chinese II. 3 sem. hrs.
Continuation of CHI 401 for advanced students. Offered according to demand.
Prerequisite(s): CHI 401.

Classics (CL) Courses
CL 222. Greek Roman Mythology. 3 sem. hrs.
Introduction to classical mythology itself and the principal Greek and Roman myths. Offered each semester.

CL 234. Greek and Latin Medical Terms. 3 sem. hrs.
This course studies the Greek and Latin roots of medical terms. Students learn how to analyze the medical words' essential components, their prefixes, suffixes, and combining forms; interpret the basic meaning of the terms; relate them to the body systems; and understand the biological nomenclature.

CL 232. Alexander the Great, Then & Now. 3 sem. hrs.
We will study the journey and conquests of Alexander the Great as a historical and cultural event. His expeditions took him from Greece, through the countries of the Middle and Near East, all the way to India. Many Western leaders (including Americans) have tried to repeat Alexander's achievement with limited success. Our exploration will look at the reasons of subsequent failures, among other issues.

CL 350. Roman Religion. 3 sem. hrs.
Survey of the rites and structure of ancient Roman cult with special emphasis on the Roman religious calendar and the clash between paganism and Christianity. Writing proficiency within this discipline is required for a passing grade in this course.

CL 356. Greece & Rome in Film. 3 sem. hrs.
This course integrates literature, history, and film. Many of the films we watch attempt to reconstruct the ancient world to some degree of accuracy, while others are inspired by themes of ancient literature, but without regard to historic authenticity. Students read several primary sources to help them discern inauthentic elements or appreciate good interpretations in film.

CL 380. Special Topics. 3-6 sem. hrs.
Detailed investigations of specific aspects of Greco-Roman civilization such as ancient drama, women's lives, ancient religion, and technological achievements.
Communicative Disorders (CD) Courses

CD 225. Intro Comm Disorders. 3 sem. hrs.
Study of the types of speech, language, and hearing disorders; an introduction to the principles of rehabilitation of communicative disorders; and consideration of employment settings.

CD 226. Lang & Speech Develop. 3 sem. hrs.
Theory and practice of normal speech and language processes and sequences.

CD 244. Phonetics. 3 sem. hrs.
Study of the principles of phonetics and their application to speech. The International Phonetic Alphabet is used for study and transcription.

CD 275. Anat Physio Sech Hear Mechansm. 3 sem. hrs.
Introduction to the anatomy of the ear and the principles of hearing. Includes three laboratory sessions.

CD 277. Preprofess Lab Experienc. 1 sem. hr.
Structured observational activities for students prior to their enrollment in a practicum course in speech-language pathology. Open to CD majors only.

CD 308. Speech Disorders I. 3 sem. hrs.
An introduction to articulation, phonology, & language disorders in children & adults as well as literacy & aural rehabilitation.
Prerequisite(s): CD 225 CD 226 CD 244 CD 275.

CD 309. Speech Disorders II. 3 sem. hrs.
Introduction to aphasia, traumatic brain injury, dementia, dysarthria, and apraxia.
Prerequisite(s): CD 225 CD 226 CD 244 CD 275.

CD 350. Independent Study. 1-3 sem. hr.
Directed readings in an area of communicative disorders. Open to CD majors only.
Prerequisite(s): Minimum of 18 hours in CD courses and permission of the instructor.

CD 351. Hearing Science. 3 sem. hrs.
The study of the anatomy of the ear and the principles of hearing. Includes three laboratory sessions.

Supervised clinical practice in speech therapy with children. Open to CD majors only.
Writing proficiency within this discipline is required for a passing grade in this course.
Prerequisite(s): CD 225 CD 226 CD 244 CD 275 CD 308 By application only.

CD 378. Clinic Pract II Speech. 1-3 sem. hr.
Supervised clinical practice in speech therapy with children.
Prerequisite(s): CD 225 CD 226 CD 244 CD 275 CD 377 CD 378 By application only.

CD 411. Speech Science. 3 sem. hrs.
A study of speech physiology, basic electronics, basic acoustics, speech acoustics, auditory perception, and neuroanatomy. Class work and laboratory sessions cover speech spectrographic analysis, basic sound measurement, and selected other instrumentation used in the speech and hearing science laboratory.
Prerequisite(s): CD 225 CD 226 CD 244 CD 275.

CD 416. Multicultural Issues. 3 sem. hrs.
A framework for systematically analyzing cultural similarities and differences will be provided and will serve as a model to examine cultural differences in the clinical setting. Offered fall semester.
Prerequisite(s): CD 225 and CD 226 and CD 244.

CD 442. Public School Internship. 3-6 sem. hrs.

CD 443. Basic Audiology. 3 sem. hrs.
Introduction to hearing evaluation, conservation, and impairment. Also considers the auditory system: anatomy, physiology, and pathology. Includes three laboratory sessions.
Prerequisite(s): CD 225 CD 226 CD 244 CD 275.

CD 444. Aural Rehabilitation. 3 sem. hrs.
The rehabilitation of hearing-impaired people primarily through auditory and visual training is addressed. Other sensory training, language development, speech production, and guidance are also considered. Open to CD majors only.
Prerequisite(s): Minimum overall GPA of 2.5 CD 225 CD 226 CD 244 CD 275.

CD 445. Audiology Lab Experience. 1-3 sem. hr.
Supervised laboratory or clinical experience in hearing evaluation and rehabilitation.
Prerequisite(s): Completion of the 200-and 300-level undergraduate CD classes as well as CD 443. By application only.

CD 454. Fluency Disorders. 3 sem. hrs.
The study of the nature, assessment, and treatment of stuttering. Emphasis on understanding the different onset and developmental theories and different approaches to treatment.
Prerequisite(s): CD 225 CD 226 CD 244 CD 275 CD 308.

CD 455. Voice Disorders. 3 sem. hrs.
This course is designed to provide basic knowledge and skills needed for the evaluation and treatment of voiced language disorders.
Prerequisite(s): CD 225 CD 226 CD 244 CD 275 CD 308.

CD 462. Neuroscience for the Study of Communicative Disorders. 3 sem. hrs.
Study of the principles of rehabilitation of communicative disorders; and consideration of employment settings.

CJ 100. Intro Criminal Justice. 3 sem. hrs.
An overview of the criminal justice system with emphasis on the roles and problems of the criminal justice system. CJ 100 is a prerequisite for all 300- and 400-level criminal justice courses.

CJ 102. Law Enforcement Technology/Law Enforcement in the Digital Age. 3 sem. hrs.
This course examines the role that technology plays in modern-day policing, and provides students with a detailed overview of how the cyber, digital, and technological worlds have impacted policing historically. In the technology component of the course, students will comprehend computer basics, understanding computer and human networks, and identify the broad range of technologies used by police departments (e.g., less-than-lethal weapons, databases).

CJ 220. Law Enforcement. 3 sem. hrs.
Development of law enforcement; organization and jurisdiction of local, state, and federal law enforcement agencies; and functions of police officers.

CJ 221. Private Security. 3 sem. hrs.
Organization and management of the security function in industry, business, and government. Exploration of methods to protect personnel, facilities, and other major assets: loss prevention, control, and risk management.

CJ 240. Juvenile Delinquency. 3 sem. hrs.
Extent and patterns of delinquency; its development in individuals and gangs; group therapy with delinquents; and juvenile courts, training schools, probation, and aftercare supervision.

A general overview of U.S. judicial systems, including recent innovations and future trends.

CJ 270. Corrections. 3 sem. hrs.

CJ 280. Research Methods. 3 sem. hrs.
Theoretical and specific instruction in both the conduct and application of research methods in criminal justice settings. Includes problem of research and policy dimensions of both direct and applied approaches.
Prerequisite(s): CJ 100.

Examination of selected problems and issues in Criminal Justice. A maximum of three hours may be used toward the major.
Prerequisite(s): CJ 100.

CJ 300. Survey Criminal Theories. 3 sem. hrs.
Study of traditional and modern explanations of crime and criminality.
Prerequisite(s): CJ 100.
CJ 301. Cyber Law and Policy. 3 sem. hrs.
This course examines cyber criminology from a law and policy perspective, including its impact on Fourth and Fifth Amendment jurisprudence and the changing conceptions of privacy and identity. Topics will focus on the effects of cyber criminology on how criminal laws are conceptualized, enforced, and prosecuted. Central part of the course is a Moot Court component in which students will write a legal brief and argue their side of a cyber-related legal case in front of a panel of lawyers and law students acting as judges.

CJ 302. Digital Forensic Investigation. 3 sem. hrs.
This course is a non-technical overview of the digital crime scene. This course aims to answer the question, “How do law enforcement officers investigate the digital crime scene?” This course will cover how digital forensic investigators identify, preserve, and extract digital evidence using different forensic tools and software. This course will also cover the various legal challenges in digital forensic investigations, including admissibility of evidence in courts, right to privacy, and the right to avoid self-incrimination.

Study of the role played by racial minorities at each stage of the criminal justice system. Special attention is devoted to theories and measurement of minority crimes and race relations and to the treatment of minorities by law enforcement officers, courts, and corrections. Prerequisite(s): CJ 100.

CJ 306. Hist Crime And Treatment. 3 sem. hrs.
Examination in historical sequence of the perspectives on and methods of crime control, from the traditional to the modern. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): CJ 100.

CJ 321. Intro to Forensic Sciences. 3 sem. hrs.
Fundamentals of criminal investigation from forensic sciences perspective.

CJ 325. Cyber Criminals and Computer Forensics. 3 sem. hrs.
This course will introduce students to the traditional and contemporary forms of cyber crime, including hacking, insider threat, Internet child pornography use, cyber bullying, and cyber terrorism. Not only will students learn how computers can be either the target or tool in cyber crimes, this course will examine such crimes from both social and behavioral science perspectives, such as the personality traits associated with computer deviance. Finally, this course will provide a general overview of the digital forensic investigation as well as the analysis of digital evidence. No prior knowledge in any of these areas is required.

CJ 381. Statistics. 3 sem. hrs.
Statistical methods in criminal justice, including central tendency and dispersion, tests of significance, and measures of association. Prerequisite(s): CJ 100 and MATH 110 or MATH 112 or MATH 115.

CJ 395. Internship. 1-12 sem. hr.
An opportunity for students to conduct career exploration and build a record of experience in the field. Prerequisite(s): CJ 100 ***A maximum of 6 hours can be used toward the major.

CJ 408. Gendered Justice and the Death Penalty. 3 sem. hrs.
This course is designed to introduce the student to gender and justice issues related to women sentenced to death. Using a series of field trips, guest speakers, videos, and case study analyses will explore the historical, social, political, and legal issues of serving time in female prisons. Special emphasis will be placed on female offenders who have been sentenced to death and those sentenced to life without parole. Also, gendered-related issues comparing the incarceration experiences of female death row inmates to the incarceration experiences of male death row inmates will be examined.

CJ 409. Women, Law, and Incarceration. 3 sem. hrs.
The course examines the various issues that confront women who are incarcerated in state correctional institutions. Additionally, legal issues surrounding women’s pathways to crime and their incarceration experiences will be explored. Prerequisite(s): CJ 100.

CJ 410. Community Based Correctn. 3 sem. hrs.
Study of intermediate punishments and alternatives to incarceration.

CJ 420. Seminar In Law Enforcement. 3 sem. hrs.
Examines the philosophical basis of law enforcement and traces the development of the law enforcement function. Prerequisite(s): CJ 220.

CJ 422. Terrorism . 3 sem. hrs.
An analysis of selected areas of terrorism and counter-terrorism, with an emphasis on parallels between terrorism and crime. Prerequisite(s): CJ 100 - Introduction to Criminal Justice.

The course will offer an overview of the United States Department of Homeland Security from its initiation to present day, and the wide range of issues that the department influences, both policy and operational. Additionally, how the United States Department of Homeland Security interacts with state, local, and tribal governments, or law enforcement agencies. Prerequisite(s): CJ 100 - Introduction to Criminal Justice.

CJ 450. Seminar In Judicial Process. 3 sem. hrs.
Examines the philosophical basis of the American legal system and traces the development of the judicial process. Prerequisite(s): CJ 250.

Classification and analysis of selected areas of the substantive law of crimes, including basic principles of criminal law and crimes against the person and property. Prerequisite(s): CJ 100.

CJ 461. Criminal Law II. 3 sem. hrs.
General principles and theories of criminal procedure, including concepts of due process, arrest, search and seizure, wiretapping, lineups, and other recent developments. Prerequisite(s): CJ 100.

CJ 470. Seminar In Corrections. 3 sem. hrs.
History, analysis, and evaluation of American correctional institutions, including the sociology of confinement and reform movements within the system. Prerequisite(s): CJ 100 CJ 270.

CJ 483. Law And Society. 3 sem. hrs.
Law as an instrument of social control, the functions and limitations of law, and the machinery of law as a part of the larger society. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): CJ 100.

CJ 490. Special Topics in Criminal Justice. 3 sem. hrs.
Examination of selected problems and issues in criminal justice. A maximum of three hours may be used toward the major. Prerequisite(s): CJ 100.

CJ 499. Independent Study In CJ. 1-6 sem. hr.
Research under faculty supervision in any area of interest to the student. Prerequisite(s): A maximum of 3 hours may be used toward the major or minor.

Critical Language (CRL) Courses

CRL 101. Elementary Critical Language I. 1-6 sem. hr.
This course is for students studying any beginning level of less commonly taught languages offered by the Critical Languages Center or abroad, and repeatable for credit with different languages. Supervised self-study system applied.

CRL 102. Elem. Critical Language II. 1-6 sem. hr.
This course is equivalent to the second semester level of less commonly taught languages at the Critical Languages Center or abroad, and repeatable with different languages. Supervised self-study system applied.

CRL 201. Int. Critical Language I. 1-6 sem. hr.
This course is equivalent to the third semester level of a less commonly taught language at the Critical Languages Center or abroad, and repeatable for credit with different less commonly taught languages. Supervised self-study system applied.

CRL 202. Int. Critical Languages II. 1-6 sem. hr.
This course is equivalent to the fourth semester level of less commonly taught languages at the Critical Languages Center or abroad, and repeatable for credit with different less commonly taught languages.

CRL 301. 3rd Year Critical Lang. I. 1-6 sem. hr.
This course is for students who have completed four semesters of a less commonly taught language and wish to pursue a higher level of language proficiency. Language proficiency must be evaluated as adequate for this level by the Critical Languages Center, and the consent of the CLC director is required. Prerequisite(s): Permission of Instructor Required.

CRL 302. 3rd Year Critical Lang. II. 1-6 sem. hr.
This course is a continuation of CRL 301, and for students wish to pursue a higher level of language proficiency. Language proficiency must be evaluated as adequate for this level by the Critical Languages Center before enrolling, and the consent of the CLC director is required. Prerequisite(s): Permission of Instructor Required.
CROA 101. Elem Croatian Language. 3 sem. hrs.
Contemporary Croatian: speaking, reading, and writing. Course involves directed-self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a ‘language trainer’ who is a native/near native (or superior level) speaker of the language. Native speakers of this language cannot take this course. Any students with background knowledge of this language must see the CLC director before registering for permission. Not repeatable without permission of the CLC director. Offered each semester.

CROA 102. Elem Croatian Language. 3 sem. hrs.
Contemporary Croatian: speaking, reading, and writing. Course involves directed-self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a ‘language trainer’ who is a native/near native speaker of the language. Not repeatable without permission of the CLC director. Offered each semester.

CZE 101. Elem Czech Language. 3 sem. hrs.
Contemporary Czech: speaking, reading, and writing. Course involves directed-self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a ‘language trainer’ who is a native/near native/superior-level speaker of the language. Not repeatable without permission of the CLC director.

CZE 102. Elem Czech Language. 3 sem. hrs.
Contemporary Czech: speaking, reading, and writing. Course involves directed-self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a ‘language trainer’ who is a native/near native speaker of the language. Not repeatable without permission of the CLC director.

DN 110. Intro To Dance Styles. 2 sem. hrs.
Introduction to ballet, modern, and jazz dance through theory and practice at the beginning level.

DN 111. Modern Dance Technique I. 3 sem. hrs.
This course will introduce the basics of modern dance techniques.

A studio course in classical ballet for first year dance majors or musical theatre majors.

DN 122. Ballet Technique I-B. 3 sem. hrs.
The development of theory and practice of classical ballet for first year dance majors or students with some previous experience in ballet.

DN 142. World Dance. 2 sem. hrs.
An introduction to dance movement as influenced by various cultures.

DN 151. Jazz Technique I. 3 sem. hrs.
Introduction to jazz dance technique and style through dance studio work.

DN 200. Special Topics. 3 sem. hrs.
Investigation of dance theories and principles.

DN 210. Dance Styles II. 3 sem. hrs.
This course will include study of various dance styles at the intermediate level in order to prepare the musical theatre student for more advanced study. Students will be taught dance combinations from musical theatre repertoire in order to enhance technical skills while preparing for performance. The history and development of musical theatre dance will also be explored. Musical Theatre majors only or permission of the instructor.

DN 211. Modern Dance II-A. 3 sem. hrs.
A studio course in modern dance techniques at the intermediate level. Dance majors only.

DN 212. Modern Dance II-B. 3 sem. hrs.
A studio course in modern dance technique at the advanced intermediate level. Dance majors only.

Development of classical ballet technique, and performance quality at the intermediate level for dance majors. Dance majors only. Prerequisite(s): DN 121 or DN 122.

DN 222. Ballet Technique II-B. 3 sem. hrs.
Development of the classical theory and practice of ballet, at the advanced intermediate level. Dance majors only. Prerequisite(s): DN 221.

A studio course in jazz dance technique at the intermediate level. Dance majors only.

DN 252. Jazz Technique II-B. 3 sem. hrs.
A studio course in jazz dance technique at a more advanced intermediate level. Dance majors only.

DN 300. Special Topics. 1-3 sem. hr.
Study of dance theories and principles for performance, choreography or pedagogy. Permission of instructor.

DN 301. Special Topics II. 1-3 sem. hr.
This course will focus on one area of dance such as technique, repertoire, composition or pedagogy in order to facilitate a more advanced analysis of that specific area.

DN 310. Dance Styles III. 3 sem. hrs.
Continued exploration of musical theatre dance technique and style at a more advanced level. Students will learn movement covering a wide range of musical theatre eras and styles, with a focus on learning material quickly. For Musical Theatre majors. May be repeated for a maximum of 6 hours. Prerequisite(s): DN 210.

Development of modern dance technique at the advanced level. Dance Majors or permission of instructor. Prerequisite(s): DN 211 or DN 212.

DN 312. Modern Dance Technique III-B. 3 sem. hrs.
Continued development of advanced modern dance technique. Dance Majors or permission of instructor. Prerequisite(s): DN 211 or DN 212.

Development of ballet technique at the advanced level. Includes ladies' pointe work and men's technique.

DN 322. Ballet Technique III-B. 3 sem. hrs.
Continued development of ballet technique at the advanced level. Includes ladies' pointe work and men's technique.

Development of jazz dance technique at the advanced level. Dance Majors or permission of instructor. Prerequisite(s): DN 251 or DN 252.

DN 352. Jazz Technique III-B. 3 sem. hrs.
Continued development of jazz dance technique at the advanced level. Dance Majors or permission of instructor. Prerequisite(s): DN 251 or DN 252.

DN 380. Independent Study In Dance. 3 sem. hrs.

DN 381. Indep Study In Dance. 3 sem. hrs.

DN 400. Special Topics. 3 sem. hrs.
Prepare dancers for a professional career in dance performance through the rehearsal process of learning and performing, ballet, modern and jazz dance repertoire.

DN 410. Advanced Tap Technique. 3 sem. hrs.
An advanced course focusing on tap dance language and the execution of advanced tap technique. Prerequisite(s): DN 210 and DN 310.

Development of modern dance technique at the advanced level, preparing the student for professional work. Prerequisite(s): DN 311 or DN 312.

DN 412. Modern Dance Technique IV-B. 3 sem. hrs.
Continued development of advanced modern dance technique, preparing the student for professional work. Prerequisite(s): DN 311 or DN 312.

Advanced ballet technique including study of ballet repertoire in preparation for professional work. For dance majors. Prerequisite(s): DN 321 or DN 322.

DN 422. Ballet Technique IV-B. 3 sem. hrs.
Continued development of advanced ballet technique and repertoire in preparation for professional work. For dance majors. Prerequisite(s): DN 321 or DN 322.

Development of jazz dance technique at the advanced/pre-professional level. Will focus on elements of technique and style for concert, commercial, and musical theatre jazz. Prerequisite(s): DN 351 or DN 352.
Dance Academics (DNCA) Courses

DNCA 240. Choreography I. 3 sem. hrs.
Basic exploration of the rhythmic and spatial elements in the development of movement phrases and choreographic dance studies. Dance Majors only.

DNCA 265. Anatomy For Dance. 3 sem. hrs.
Lecture/studio course covering the basics of the musculoskeletal system and kinesiology with an emphasis on dance. Dance majors only.

Exploration in more complex choreographic forms and compositions. Dance majors only.
Prerequisite(s): DNCA 265 or DN 265.

DNCA 420. Dance and the Camera. 3 sem. hrs.
Dance and the Camera will introduce students to the videographic, choreographic, and editing skills involved in making dances for the screen. Students will work both in front of and behind the camera to create studies and final projects. Through lecture, reading, video-viewing and discussions, the class will also explore the history of screamendance and its current trends. Dance majors or permission of instructor.
Prerequisite(s): DNCA 240 or DN 240.

DNCA 430. History Of Dance I. 3 sem. hrs.
The history of dance from pre-classic, romantic, classical and early modern ballet. Dance majors only. Writing proficiency within this discipline is required for a passing grade in this course.

DNCA 471. History of Dance II. 3 sem. hrs.
The history of dance with an emphasis on 20th century and contemporary dance styles. Writing proficiency within this discipline is required for a passing grade in this course. Dance Majors only.
Prerequisite(s): DNCA 470.

Dutch (DUT) Courses

DUT 102. Elementary Dutch. 3 sem. hrs.
Contemporary Dutch: speaking, reading, and writing. Course involves directed-self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a "language trainer" who is a native/near native/superior-level speaker of the language. Not repeatable; requires permission of the CLC director.
Prerequisite(s): DUT 101.

English (EN) Courses

EN 101. English Composition. 3 sem. hrs.
Introduction to college-level expository writing, critical reading, basic citation, and the rhetorical tools needed to participate successfully in the University of Alabama discourse community. Grades are awarded as A, B, C, or NC (No Credit). A grade of C- or higher is required as a prerequisite for advancing to another English course at The University of Alabama. Offered each semester and in summer school. EN 101 does not apply as credit to the English major or minor. Prerequisite(s): EN 101.

EN 103. Advanced English Composition. 3 sem. hrs.
This is an accelerated freshman composition course that is open to students with minimum scores of 28 ACT Composite or 1250 SAT, or minimum ACT English scores of 30 or SAT verbal scores of 720. With the appropriate qualifying scores and the completion of EN 103 with a grade of C- or higher, placement credit is awarded for EN 101 and the general education requirement for freshman composition is completed. Covers argumentation, advanced critical thinking and analysis, university-level research techniques, and research-paper writing. Course themes are determined by each instructor. Grades are reported as A, B, C, or NC (No Credit). A grade of C- is required as a prerequisite for advancing to another English course at The University of Alabama. EN 103 does not apply as credit to the English major or minor.
Prerequisite(s): 28 ACT composite or 1250 SAT OR ACT English score of 30 or SAT verbal score of 720.

EN 104. English Composition BUI. 3 sem. hrs.
For students in Blount Undergraduate Initiative. Covers argumentation, advanced thinking and analysis, university-level research techniques, and research-paper writing. Grades are reported as “A,” “B,” “C,” or “NC” (“No Credit”). This course substitutes for either EN 103 Advanced Composition or EN 101 Freshman Composition I. Students who qualify for EN 103 (see EN 103 description above) are awarded an additional 3 hours of composition placement credit with a grade of “pass” upon successful completion of EN 104. Other students receive the same credit if they earn a grade of “A-” or higher. Students who earn a grade lower than “A-” are required to take three additional hours of freshman composition, generally EN 102. Students who have credit for EN 101 and EN 102 either from another institution or through AP or IB placement do not take EN 104. EN 104 does not apply as credit to the English major or minor.

EN 120. English Comp I Non-Native Spkr. 3 sem. hrs.
The first in a two-course sequence, EN 120 introduces non-native English speakers to college-level expository writing, critical reading, basic citation, and the rhetorical tools needed to participate successfully in the University of Alabama discourse community. Special attention will be paid to the unique linguistic and cultural needs of students whose native language is not English. Offered every semester.

EN 121. English Comp II Non-Native Spkr. 3 sem. hrs.
The second course in UA’s first-year sequence in composition, EN 121 introduces non-native English speakers to the principles of formal argumentation, advanced critical thinking and analysis, university-level research techniques, and research-paper writing. Special attention will be paid to the unique linguistic and cultural needs of students whose native language is not English. Offered every semester.

EN 155. Freshman Seminar. 3 sem. hrs.

EN 200. Intro Creative Writing. 3 sem. hrs.
Study of topics relating to all genres of creative writing; introduction of genre-specific principles. Required of all creative writing minors. Credit for this course is not applicable toward the requirements of the English major or minor.
Prerequisite(s): EN 101 and EN 102; or EN 103 or EN 104; or EN 120 and EN 121.

EN 201. How English Works. 3 sem. hrs.
This course will introduce students to the wide-ranging discipline of linguistics that incorporates aspects of both the humanities and the social sciences. Students will explore the elements from which languages are composed, examine differences across languages, and see how linguistic data and methods are brought to bear on real-world issues in the realms of psychology, literary studies, sociology, education, and the judicial system. Language will be presented as a constantly changing phenomenon that is embedded in culture and steeped in ideology.
Prerequisite(s): EN 101 and EN 102 or EN 103.

EN 205. English Literature I. 3 sem. hrs.
Survey of English literature from the Anglo-Saxon period to 1800, including, Chaucer, Shakespeare, and Milton.
Prerequisite(s): EN 101; and EN 102 or EN 103 or EN 104 or EN 120; and EN 121.

EN 206. English Literature II. 3 sem. hrs.
Survey of English literature from 1800 to the present, including, works from the Romantic, Victorian, and Modern eras.
Prerequisite(s): EN 101; and EN 102 or EN 103 or EN 104 or EN 120; and EN 121.

EN 207. World Literature I. 3 sem. hrs.
Survey of world literature from the Classical period to the Renaissance.
Prerequisite(s): EN 101 and EN 102; or EN 103 or EN 104 or EN 120 and EN 121.

EN 208. World Literature II. 3 sem. hrs.
Survey of world literature from the Enlightenment to the Modern period.
Prerequisite(s): EN 101 and EN 102; or EN 103 or EN 104 or EN 120 and EN 121.

EN 209. American Literature. 3 sem. hrs.
Survey of American literature from its beginnings to 1865, including, work by Poe, Thoreau, Emerson, Melville, and Whitman, among others.
Prerequisite(s): EN 101; and EN 102 or EN 103 or EN 104 or EN 120; and EN 121.
EN 210. American Literature II. 3 sem. hrs.
Survey of American literature from 1865 to the present, including, work by Dickinson, Twain, Hemingway, Faulkner, and Morrison. Prerequisite(s): EN 101; and EN 102 or EN 103 or EN 104 or EN 120; and EN 121.

EN 215. Honors English Literature I. 3 sem. hrs.
Honors section of EN 205. Prerequisite(s): EN 101 and EN 102; or EN 103 or EN 104; or EN 120 and EN 121.

EN 216. Honors English Literature II. 3 sem. hrs.
Honors section of EN 206. Prerequisite(s): EN 101 and EN 102; or EN 103 or EN 104; or EN 120 and EN 121.

EN 219. Honors American Literature. 3 sem. hrs.
Honors section of EN 209. Prerequisite(s): EN 101 and EN 102; or EN 103 or EN 104; or EN 120 and EN 121.

EN 220. Honors American Literature II. 3 sem. hrs.
Honors section of EN 210. Prerequisite(s): EN 101 and EN 102; or EN 103 or EN 104; or EN 120 and EN 121.

EN 249. African American Literature. 3 sem. hrs.
Survey of African American literature from its earliest expressions to the present. The course material includes spirituals, slave narratives, poetry, drama, autobiography, fiction, and nonfiction. Prerequisite(s): EN 101; and EN 102 or EN 103 or EN 104 or EN 120; and EN 121.

EN 300. Intro To English Studies. 3 sem. hrs.
An introduction for English majors to the methods employed in the discipline of English. Students will be exposed to the fundamental issues of critical reading, interpretation, and writing, especially to the use of critical methods in the study of primary texts. Readings will include a selection of texts in the traditional categories of poetry, drama, and prose, as well as the genre of the critical essay. There may also be investigations into other genres and media. Prerequisite(s): EN 101; and EN 102 or EN 103 or EN 104 or EN 120; and EN 121.

EN 301. Prose Tour. 3 sem. hrs.
Study of basic principles of composing creative prose. Reading and assigned writing experiments in a broad range of prose forms. Required of all creative writing minors. Prerequisite(s): EN 200.

EN 303. Poetry Tour. 3 sem. hrs.
Study of basic principles of composing poetry. Reading and assigned writing experiments in a broad range of poetic forms. Required of all creative writing minors. Prerequisite(s): EN 200.

EN 309. Advanced Expository Writing. 3 sem. hrs.
Study and practice in methods of exposition, explanation and explication, logic and persuasion, definition and analogy, analysis and evaluation. Enrollment is limited to 15. Writing proficiency within this discipline is required for a passing grade in this course.

EN 310. Special Topics Writing. 3 sem. hrs.
Topics vary from semester to semester; examples are legal writing, writing about the social sciences and reading and writing in cyberspace. May be repeated for a maximum of 6 hours.

EN 311. Special Topics In Literature. 3 sem. hrs.
Topics vary from semester to semester and may include courses offered by other departments. May be repeated for a maximum of 9 hours.

EN 317. Writing Center Practicum. 3 sem. hrs.
An introduction to the history, theory and practice of Writing Centers. Students completing the course can apply for positions on the Writing Center staff.

EN 319. Technical Writing. 3 sem. hrs.
Focuses on principles and practices of technical writing, including audience analysis, organization and planning, information design and style, usability testing, and collaborative writing. Writing proficiency within this discipline is required for a passing grade in this course.

EN 320. Intro To Linguistics. 3 sem. hrs.
Introduction to the study of language, including subjects such as language acquisition, variation, and origins. The system of sounds, syntax, and meaning are illustrated in English and other languages. Prerequisite for EN 423, EN 424, EN 425, EN 466.

EN 321. Linguis Approach English Gramr. 3 sem. hrs.
A study of English grammar integrating principles from linguistic theory with structural approaches to grammar. The course includes a focus on the expectations of grammatical usage in different contexts and an understanding of how to apply this knowledge in a pedagogical setting. This course is a prerequisite for EN 423, EN 424, EN 425, EN 466.

EN 329. Directed Studies. 1-3 sem. hr.
Prerequisite: Enrollment only by previous arrangement with a specific instructor and with the permission of the director of undergraduate English studies. A reading list and a draft syllabus are required. Please see the departmental website for more information. EN 329 may be repeated for a maximum of 6 hours.

EN 330. Chaucer And Medieval Literature. 3 sem. hrs.
Examines works of the Old and Middle English periods, the formative years of British literature. Works from pre-conquest England may include Beowulf, Bede’s History of the English Church, and poems from the Exeter and Vercelli manuscripts. The major works from the fourteenth and fifteenth centuries may include Sir Gawain and the Green Knight, William Langland’s Piers Plowman, John Gower’s Confessio Amantis, and Chaucer’s Troilus and Criseyde and the Canterbury Tales.

EN 331. Chaucer. 3 sem. hrs.
Introduction to the works of Chaucer. This course includes a study of Chaucer’s language as well as the 14th-century milieu.

EN 332. Sixteenth Century Literature. 3 sem. hrs.

EN 333. Shakespeare. 3 sem. hrs.
An introduction to Shakespeare’s plays and poems. Elizabethan customs, politics, history, and philosophies are examined in relation to his works.

EN 334. Seventeenth Century Literature. 3 sem. hrs.
A cross-genre survey of literature in English from 1603 to 1660. Authors may include John Donne, Ben Jonson, Francis Bacon, John Webster, Lady Mary Wroth, William Bradford, Anne Bradstreet, and Andrew Marvell.

EN 335. Milton. 3 sem. hrs.
An introduction to Milton’s English poetry along with the history, politics, aesthetics, philosophy, and theology of seventeenth-century England. Typically devotes approximately half the semester to a close reading of Paradise Lost.

EN 340. American Literature To 1900. 3 sem. hrs.
A cross-genre survey of American literature from its beginnings to 1900. Authors may include Mary Rowlandson, Cotton Mather, Phillis Wheatley, Nathaniel Hawthorne, Frederick Douglass, Henry James, and Mark Twain.

EN 341. American Poetry To 1900. 3 sem. hrs.
A survey of American poetry from its beginnings to 1900. Authors may include Anne Bradstreet, Edward Taylor, Edgar Allan Poe, Walt Whitman, and Emily Dickinson.

EN 342. American Fiction To 1900. 3 sem. hrs.
A survey of the development of American fiction from its beginnings to 1900, with attention to both the novel and the short story. Authors may include James Fenimore Cooper, Nathaniel Hawthorne, Harriet Beecher Stowe, Herman Melville, Mark Twain, and Kate Chopin.

EN 343. British Fiction To 1900. 3 sem. hrs.
A survey of developments in British fiction from its beginnings to 1900. Authors may include Jane Austen, Charles Dickens, and George Eliot.

EN 344. Major Authors 1660-1900. 3 sem. hrs.
Limited to a maximum of three authors. Attention to the national literatures of Britain and America, and to different genres of prose, drama, and poetry, will vary from semester to semester. Authors may include John Milton, Alexander Pope, Jane Austen, Ralph Waldo Emerson, Herman Melville, Frederick Douglass, and Emily Dickinson.

EN 347. English Lit During Enlightenmnt. 3 sem. hrs.
A cross-genre survey of English literature during the period 1660-1800. Authors may include John Locke, John Bunyan, Mary Astell, Jonathan Swift, Lady Mary Wortley Montagu, Samuel Johnson, Hester Thrale, and James Boswell.

EN 348. Romantic Literature. 3 sem. hrs.
A cross-genre survey of British Romantic writers such as William Blake, Jane Austen, William Wordsworth, Samuel Taylor Coleridge, Lord Byron, John Keats, Percy Bysshe Shelley, and Mary Shelley.

EN 349. Victorian Literature. 3 sem. hrs.
A survey of the genres, authors, and issues in British literature, 1832-1900. Authors may include Thomas Carlyle, Elizabeth Barrett Browning, Robert Browning, Alfred, Lord Tennyson, Matthew Arnold, Dante Gabriel Rossetti, Christina Rossetti, and Oscar Wilde.

EN 350. Topics in African American Lit. 3 sem. hrs.
A cross-genre survey of African American literature, historical events, and critical movements. Authors may include Frederick Douglass, Harriet Jacobs, Richard Wright, Zora Neale Hurston, Nella Larson, Langston Hughes, and Toni Morrison.

EN 360. Topics American Lit 1900-1945. 3 sem. hrs.
A cross-genre survey of major literary figures, critical movements, historical events, and significant texts within the first half of the twentieth century in America. Authors may include Henry James, Mark Twain, Edith Wharton, W.E.B. Du Bois, Gertrude Stein, Countee Cullen, Eugene O’Neill, and Wallace Stevens.
EN 361. Top American Lit 1945-Present. 3 sem. hrs.
A cross-genre survey of major literary figures, critical movements, historical events, and significant texts since the Second World War in America. Authors may include Langston Hughes, Arthur Miller, James Baldwin, Norman Mailer, Toni Morrison, Sam Shepard, Adrienne Rich, and John Ashbery.

EN 362. Topics British Lit 1900-1945. 3 sem. hrs.
A cross-genre survey of major literary figures, critical movements, historical events, and significant texts within the first half of the twentieth century in Britain. Authors may include Joseph Conrad, George Bernard Shaw, W. B. Yeats, Virginia Woolf, James Joyce, Katherine Mansfield, and T. S. Eliot.

EN 363. Top British Lit 1945-Present. 3 sem. hrs.
A cross-genre survey of major literary figures, critical movements, historical events, and significant texts since the Second World War in England. Authors may include Samuel Beckett, W. H. Auden, Doris Lessing, Seamus Heaney, Harold Pinter, and Jeanette Winterson.

EN 364. Modern Drama. 3 sem. hrs.
A survey of the major American, British, European and African plays from the 19th and 20th centuries. Authors may include Eugene O'Neill, Tennessee Williams, Ntozake Shange, Oscar Wilde, Harold Pinter, Tom Stoppard, August Strindberg, Anton Chekhov, Wole Soyinka and Athol Fugard.

EN 365. Modern American Fiction. 3 sem. hrs.

EN 366. Twentieth Century Poetry. 3 sem. hrs.
A survey of major authors and trends in modern poetry in America, Britain, and the larger Angophone world, as poetry in English became an international phenomenon. Attention will be paid to modernist and post-modernist poetry movements, American regionalisms, war poetry, and the poetry of neocolonial experiences.

EN 368. Modern British Fiction. 3 sem. hrs.

EN 370. Comedy. 3 sem. hrs.
A cross-genre survey of comic literature that may begin with the classical ideas of comedy and proceed through the present. This course, like comedy itself, will focus on individuals as they come to accept the idea that life can truly be a feast (Greek, Comos). This course considers changing conceptions of comedy whether in fiction, poetry, or drama.

EN 371. Tragedy. 3 sem. hrs.
A cross-genre survey of tragic literature that may begin with the classical tragedies and proceed through the present. This course, like tragedy itself, will focus on the individual confronting larger forces of society, god, or fate. This course considers changing conceptions of the tragic whether in fiction, poetry, or drama.

EN 373. Women In Literature. 3 sem. hrs.
A survey of British and American literature written by and/or about women. Authors may include a cross-genre range from Anne Bradstreet and Fanny Burney to Toni Morrison and Louise Erdrich.

EN 399. Honors Seminar in English. 3 sem. hrs.
Covers selected topics in English that vary from year to year. Topics are most likely to be thematic and to cut across conventional divisions of literary period and literary form. Required for departmental honors. Prerequisite(s): EN 215 or EN 216 or EN 219 or EN 220.

EN 400. Senior Seminar. 3 sem. hrs.
EN 408. Advanced Creative Writing. 3 sem. hrs.
Special topics in imaginative writing. Focus may be on poetry, fiction, non fiction or a combination. Students produce imaginative writing and read related texts. Prerequisite(s): EN 200 and EN 301 and EN 303.

EN 409. Writing For Film. 3 sem. hrs.
Introduction to the craft of writing for film and television.

EN 410. Writing Professional Non-Fict. 3 sem. hrs.
Study of imaginative prose engaged with factual subject matter. Reading of published creative nonfiction and assigned writing experiments will complement round table discussion and criticism of original student manuscripts.

EN 411. Adv Stdy Comptv Multi-Cutt Lit. 3 sem. hrs.
Designed for advanced English majors, a special topics course that focuses on issues involving comparative literatures and/or cultural studies. Writing proficiency within this discipline is required for a passing grade in this course. EN 411 may be repeated for a maximum of 9 hours.

EN 422. Adv Studies Americ Literature. 3 sem. hrs.
Designed for advanced English majors, a special topics course that focuses on issues in American literature. Writing proficiency within this discipline is required for a passing grade in this course. EN 422 may be repeated for a maximum of 9 hours.

EN 423. History of the English Language. 3 sem. hrs.
An introduction to the external history of the English language along with the study of the accompanying internal changes in structure. Prerequisite(s): EN 320 OR EN 321 OR ANT 210 OR ANT 401 OR AN T 450 OR FR 361 OR IT 381 OR SP 361.

EN 424. Structure Of English. 3 sem. hrs.
Advanced study of the structure and usage of the English language, focusing on issues of morphology, syntax, and discourse context. Offered each fall semester. Prerequisite(s): EN 320 OR EN 321 OR ANT 210 OR ANT 401 OR AN T 450 OR FR 361 OR IT 381 OR SP 361.

EN 425. Variation in American English. 3 sem. hrs.
The study of the experience of the English language in America with particular emphasis on its development and dialects. Prerequisite(s): EN 320 OR EN 321 OR ANT 210 OR ANT 401 OR AN T 450 OR FR 361 OR IT 381 OR SP 361.

EN 429. Directed Readings. 3 sem. hrs.
Prerequisite: Enrollment only by previous arrangement with a specific instructor and with the permission of the director of undergraduate English studies. EN 429 may be repeated for a maximum of 6 hours.

EN 430. English Internship. 3-6 sem. hrs.
An on- or off-campus training position in which students use the skills they have gained as English majors and enhance their employment opportunities after graduation. Interns work approximately 10 hours a week, holding responsible positions with, among others, Alabama Heritage, Alabama Alumni Magazine, and the Tuscaloosa Public Defender’s Office. Apply to the director of undergraduate studies in the Department of English. Please see the departmental website for the application form and further details. May be repeated for a maximum of 6 hours.

EN 433. Advanced Studies British Lit. 3 sem. hrs.
Designed for advanced English majors, a special topics course that focuses on issues in British literature. Writing proficiency within this discipline is required for a passing grade in this course. EN 433 can be repeated for a maximum of 9 hours.

Designed for advanced English majors, a special topics course that focuses on issues involving literary criticism and critical theory. Writing proficiency within this discipline is required for a passing grade in this course. This course may be repeated for a maximum of 9 hours.

EN 455. Advanced Studies In Writing. 3 sem. hrs.
Designed for advanced English majors, a special topics course that focuses on the process of writing. The forms this writing may take include, but are not limited to, film, creative non-fiction, autobiography, and local color. May be repeated a maximum of 9 hours.

EN 456. Writing Center Theory and Research. 3 sem. hrs.
This course augments the professional practice of Writing Center staff with assigned readings, writing assignments, and discussions. Theory and research intensive.

EN 466. Advanced Studies In Linguistics. 3 sem. hrs.
Designed for English majors, a special topics course that focuses on issues in linguistics. A frequent topic is language and culture. This course may be repeated for a maximum of 9 hours.

EN 477. Adv Studies Literary Genres. 3 sem. hrs.
Designed for advanced English majors, a special topics course that focuses on issues in genre criticism. Writing proficiency within this discipline is required for a passing grade in this course. This course may be repeated for a maximum of 9 hours.

EN 488. Adv Stdy African American Lit. 3 sem. hrs.
Designed for the advanced English major, a special topics course that focuses on issues in African American literature. Writing proficiency within this discipline is required for a passing grade in this course.

EN 499. Honors Thesis. 3 sem. hrs.
The Honors Thesis in English course is an individualized, directed readings class that culminates in a 30-50 pp. thesis. It is the final required course for the Honors in English program. Each student enrolled will work individually with a faculty mentor. Prerequisite(s): EN 399.
**Farsi (FRS) Courses**

**FRS 101. Elementary Farsi I. 3 sem. hrs.**  
Contemporary Farsi (Persian): speaking, reading, and writing. Course involves supervised self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a "language trainer" who is a native/near native (or superior level) speaker of the language. Native or near native speakers of this language are NOT allowed to take this course. Any students with any background knowledge of this language must see the CLC director BEFORE enrolling. Not repeatable without permission of the CLC director.
Prerequisite(s): FRS 101.

**FRS 102. Elementary Farsi II. 3 sem. hrs.**  
Continuation of FRS 101. Contemporary Farsi (Persian): speaking, reading, and writing. Course involves supervised self-instructional approach at the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a "language trainer." Native speakers or near native speakers of the language are NOT allowed to enroll.
Prerequisite(s): FRS 101.

**FRS 201. Intermediate Farsi I. 3 sem. hrs.**  
Continuation of Farsi (Persian) language on the Intermediate level. Emphasis is on the development of reading skills and writing proficiency. Offered according to demand. Not repeatable without permission of the CLC director.
Prerequisite(s): FRS 102.

**FRS 202. Intermediate Farsi II. 3 sem. hrs.**  
Continuation of Farsi (Persian) language on the Intermediate level. Emphasis is on the development of reading skills and writing proficiency. Native speakers or near native speakers of the language are NOT allowed to enroll. Offered according to demand. Not repeatable without permission of the CLC director.
Prerequisite(s): FRS 201.

**Fine Arts (FA) Courses**

**FA 200. Introduct To Fine Arts. 3 sem. hrs.**  
An introduction to the fine arts, drawing especially on campus and community cultural events. This course is usually open to incoming freshmen.

**Finnish (FIN) Courses**

**FIN 101. Elementary Finnish I. 3 sem. hrs.**  
Contemporary Finnish: speaking, reading, and writing. Course involves directed-self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a "language trainer" who is a native/near native (or superior level) speaker of the language. Native speakers of this language cannot take this course. Any students with background knowledge of this language must see the CLC director before registering for permission. Not repeatable without permission of the CLC director.

**French (FR) Courses**

**FR 101. Elementary French I. 4 sem. hrs.**  
For students with no background or previous study of French. This course focuses on developing communicative abilities in French while emphasizing cultural practices and perspectives. Not open to students who have completed 2 or more years of high school French. Offered each semester.

**FR 102. Elementary French II. 4 sem. hrs.**  
Continuation of FR 101. This course focuses on further enhancing communicative abilities, cultural practices and perspectives in French. Offered each semester.
Prerequisite(s): Must have a minimum grade of C- in FR 101.

**FR 103. French 1st Year Review. 4 sem. hrs.**  
Five hours of instruction per week. Intensive review and accelerated study of French at the first- and second-semester college level.

**FR 201. Intermediate French. 3 sem. hrs.**  
For students with previous study of elementary-level French. Further development of oral and written communication skills in French through the exploration of various themes in French and Francophone culture.
Prerequisite(s): Minimum grade of a C- in FR 102 or minimum grade of a C- in FR 103.

**FR 202. Intermediate French. 3 sem. hrs.**  
Continuation of FR 201. Preparation for advanced literature, linguistics, and culture courses.
Prerequisite(s): Minimum grade of a C- in FR 201.

**FR 205. Living In French House. 1-2 sem. hr.**  
Students live in the French House with a native (or near native) speaker and agree to dedicate two hours per week to full language immersion with a view to increasing oral proficiency.
Prerequisite(s): FR 201, or 202, or 206, or 321, or 322, or 323, or 324, or 328, or 329.

**FR 206. Living In French House. 1-2 sem. hr.**  
Students live in the French House with a native (or near native) speaker and agree to dedicate two hours per week to full language immersion with a view to increasing oral proficiency.
Prerequisite(s): FR 201, or 202, or 205, or 321, or 322, or 323, or 324, or 328, or 329.

**FR 311. Voices In French. 3 sem. hrs.**  
Introduction to literary and cultural analysis through selected works of French cultural expression. Emphasis on expanding vocabulary and improving grammar in order to develop speaking, reading, and writing proficiency beyond the second year. Writing proficiency within this discipline is required for a passing grade in this course. Usually offered in the fall semester. Study abroad equivalent: FR 328.
Prerequisite(s): FR 202.

**FR 322. Advanced French Grammar. 3 sem. hrs.**  
Review of French grammar with emphasis on written exercises. Study abroad equivalent: FR 329. Offered each semester.
Prerequisite(s): FR 202.

**FR 323. Text, Image, And Word. 3 sem. hrs.**  
Contemporary French and Francophone society and culture. Continued work in literary and cultural analysis through selected works of recent cultural media (journalism, literature, music, film). Emphasis on written exposition, oral proficiency, critical thinking, grammar review. Writing proficiency within this discipline is required for a passing grade in this course. Usually offered in the spring semester. Study abroad equivalent: FR 328.
Prerequisite(s): FR 202.

**FR 324. Commercial French. 3 sem. hrs.**  
French business vocabulary and practices. Offered in the spring semester.
Prerequisite(s): FR 321 or FR 322 or FR 323 or by permission of the instructor or by placement exam.

**FR 328. French Conversation-Abroad. 3 sem. hrs.**  
Contemporary French society and culture. Direct on-site cultural exposure. Analysis of recent cultural media (e.g., journalism, literature, song, film) in context. Emphasis is on written exposition, oral proficiency, grammar review, and critical appraisal in relation to an immersion experience in French culture. Offered in France. For purposes of satisfying the requirements of the French major or minor, this course can be used in lieu of either FR 321 or FR 323.

**FR 329. Adv Fr Grammar-Abroad. 3 sem. hrs.**  
French Civilization. 3 sem. hrs.  
The course is also taught abroad as FR 339. Study of French artistic heritage and development of social and political institutions. Offered alternate spring semesters.
Prerequisite(s): FR 321 or FR 322 or FR 323.

**FR 339. French Civilization-Abroad. 3 sem. hrs.**  
Survey Fr Literature I. 3 sem. hrs.  
French literature from its origins through the 18th century. Readings from major authors, lectures, and reports. Writing proficiency within this discipline is required for a passing grade in this course. Offered fall semesters.
Prerequisite(s): FR 321 or FR 322 or FR 323.

**FR 341. Survey Fr Literature II. 3 sem. hrs.**  
French literature of the 19th and 20th centuries. Readings from major authors, lectures, and reports. Writing proficiency within this discipline is required for a passing grade in this course. Offered spring semesters.
Prerequisite(s): FR 321 OR FR 322 OR FR 323.

**FR 361. Intro Romance Linguistic (Same as IT 361 and SP 361). 3 sem. hrs.**  
Introduction to linguistic science and its use in describing language in general and the Romance languages in particular.

**FR 380. Special Topics. 1-3 sem. hr.**  
Directed reading, research, or French Immersion Retreat. Also offered within the curriculum for the Alabama-in-France summer program. Topic to be determined in consultation with the instructor or program director.

**FR 421. Pronunciation & Phonetics. 3 sem. hrs.**  
Introduction to phonetic theory and corrective phonetics through auditory discrimination exercises and contrastive analysis; emphasis on mastery of oral skills. Offered each semester.
Prerequisite(s): FR 321 or FR 322 or FR 323.
FR 431. Contemp French Civiliztn. 3 sem. hrs.
Exploration of the political, technological, and cultural movements of France from 1871 to the present. Offered alternate spring semesters.
Prerequisite(s): FR 321 OR FR 322 OR FR 323.

FR 461. French Linguistics. 3 sem. hrs.
Linguistic theory applied in the analysis and description of French phonological, morphological, syntactic, and semantic structures. Offered alternate years.
Prerequisite(s): FR 321 OR FR 322 or FR 323.

FR 470. Undergrad Sem In French. 3 sem. hrs.
Intensive examination of a selected topic, with emphasis on student research and presentations. A representative sample of topics would include: Francophone Africa, The 19-Century French Novel, French-English Translation, and Poetry of the French Renaissance. May be repeated for a maximum of 12 hours.
Prerequisite(s): FR 341 OR FR 351 OR FR 331 OR FR 431 OR FR 321 OR FR 322 OR FR 323.

FR 480. Special Topics. 3 sem. hrs.
Directed reading or research related to French and Francophone language, literature and culture. May be repeated for a maximum of 12 hours.
Prerequisite(s): FR 341 OR FR 351 OR FR 331 OR FR 431 OR FR 321 OR FR 322 OR FR 323.

FR 484. Adv Conversn Phonetics. 3 sem. hrs.
Emphasis is on improvement of oral expression in a variety of contexts. Consideration of phonetics as it serves this goal.
Prerequisite(s): FR 321 or FR 322 or FR 323.

Freshman Learning Community (FLC) Courses

FLC 101. Freshman Learn Comm Seminar. 1-2 sem. hr.
This course accompanies freshman learning communities and offers expanded opportunities for collaborative and integrated learning related to the communities.

General Studies (GS) Courses

GS 111. Academic Skills. 1-3 sem. hr.
A one-, two-, or three-part course in academic skills for students eligible for the Student Support Services Program. Enrollment in each of the components is based on a diagnosed need. Offered in the fall and spring semesters.

GS 391. Exceptional Studies. 1-6 sem. hr.
Independent study and/or research on an approved topic, under the direction of a College of Arts and Sciences faculty member. The subject matter, methodology, goals, and objectives of the study are intended to be unique.

GS 491. Academic Internship. 1-3 sem. hr.
Students work with a faculty member on a planned and supervised activity related to the instructional, research, or service functions of the College of Arts and Sciences.

Geography (GY) Courses

GY 101. Atmospheric Proc & Patterns. 4 sem. hrs.
Three hours lecture and one two-hour laboratory period. Earth-space relations, latitude and longitude, seasons, time, weather, climate, and vegetation. Particular attention is given to the causes of weather and climate and why they tend to be different from place to place.

GY 102. Earth Surface Processes. 4 sem. hrs.
Three hours lecture and one two-hour laboratory period. Study of earth-surface processes, with consideration of human interaction with the physical environment. Subjects include landforms, water resources, soils, and mapping the physical environment.

GY 105. World Regional Geography. 3 sem. hrs.
Introduction to geography through a survey of the world’s major geographic regions. Examines their physical and cultural features, economies, and populations.

GY 110. People, Places, and Environment. 3 sem. hrs.
Introduction to geography as a science for learning the fundamentals of human behavior and decision making. Examines how human events, natural resources, economies, development, and urbanization impact the way humankind lives, organizes its space, and makes decisions for the future.

Survey of the basic elements of regional and urban planning. Provides a comprehensive overview of the planning profession.

GY 202. The Water Planet. 4 sem. hrs.
This course is about water on earth, and the content will integrate scientific elements from the disciplines of atmospheric science, geography, geology, hydrology, oceanography, and water resources. The course is organized based on the large-scale elements of the hydrologic cycle and the smaller-scale elements of the water balance concept, especially as they affect water resources.

GY 204. Map & Air Photo Interpretation. 4 sem. hrs.
Three hours lecture and one two-hour laboratory period. Fundamentals of map reading and interpretation.

GY 230. Geographic Information Systems. 3 sem. hrs.
This course will offer practical GIS training for non-geography majors. It will focus on geospatial data representation and analysis in ArcGIS.
Prerequisite(s): CS 102.

GY 302. Climatology. 3 sem. hrs.
Introduce the fundamentals of the earth-atmosphere system as they comprise the climate of Earth, drive spatial and temporal climate variability, and impact life.
Prerequisite(s): GY 101.

GY 317. Natural Hazards. 3 sem. hrs.
Examination of the causes, consequences, and spatial distribution of climatic, geomorphic, and human-induced natural hazards.
Prerequisite(s): GY 101 or GY 102.

Three hours lecture and one two-hour laboratory period. Introduction to computer graphics and their application in both the natural and social sciences, with special emphasis on mapping. Computing proficiency is required for a passing grade in this course.
Prerequisite(s): GY 204 and CS 102.

GY 339. Natural Resource Envrnm Plng. 3 sem. hrs.
Analyzes human interactions with the physical environment and ways of dealing with them. Integrates environmental science, social science, and planning, and includes environmental impact assessment.

GY 341. Geography Of Us And Canada. 3 sem. hrs.
Study of the physical and human geography of the United States and Canada.

GY 344. Geography Of Africa. 3 sem. hrs.
Study of the physical and human geography of Africa.

GY 346. Geography of Europe. 3 sem. hrs.
This course is designed to provide a regional survey of Europe in terms of economic activities and the physical environment. Special emphasis is on the historical development of European landscapes.

GY 351. Geography Of Alabama. 3 sem. hrs.
Study of the varied geographical dimensions of the state of Alabama, both past and present.

GY 358. Urban Geography. 3 sem. hrs.
Examines the growth of cities, their spatial distributions, internal dynamics, functional bases, and social and political patterns.
Prerequisite(s): GY 110.

GY 363. Geomorphology. 3 sem. hrs.
Study of physical, chemical and biological processes operating at the Earth’s surface and landforms, and the landscapes such processes develop.
Prerequisite(s): GY 102 or GEO 101.

GY 365. Industrial Develop & Location. 3 sem. hrs.
Systematic study of the principles and processes underlying the development, location, and spatial organization of economic activities from both a national and international perspective. Writing proficiency within this discipline is required for a passing grade in this course.
Prerequisite(s): GY 110.

GY 370. Special Topics. 3 sem. hrs.

GY 375. Sports Geography. 3 sem. hrs.
Sports are an important part of society and contribute billions of dollars to the global economy. This course examines the geographic dimensions of sports, primarily in North America, with some reflections on Europe for contrast. The geography of sports can be analyzed through the use of concepts found in a variety of human geography subdisciplines, including cultural, historical, economic, population, urban, and political geography. The course covers a variety of topics and helps students develop a holistic view of sports with regards to spatial interactions. Geography courses explain why things are where they are on the surface of the Earth. In other words, students develop a spatial perspective in thinking about their surroundings.

GY 377. Cultural Geography. 3 sem. hrs.
Study of the way in which culture influences elements of both physical and human landscapes with emphasis on how cultures are spread over space and how cultures make sense of space.
Prerequisite(s): GY 105 or GY 110.

GY 385. Watershed Management Plan Development. 3 sem. hrs.
This course is designed to be primarily an experiential course and will address development and implementation of a Watershed Management Plan. The North River Watershed Management Plan will be used as a working model and students will review theory before carrying out experiential learning in the field.
GY 404. Physical Geography Seast Us. 3 sem. hrs.
A study of the physical landscapes in the southeastern United States. Emphasis is on the geological setting, geomorphic features, climate, soils, and vegetation, and the interrelationships of these conditions that shape the landscape in this region. Prerequisite(s): GY 101 and GY 102; or GEO 101.

GY 405. Dir Res Physical Geog. 1-3 sem. hr.
Hands-on, problem solving in the field of physical geography.

GY 406. Dir Res Human Geography. 1-3 sem. hr.
Hands-on, problem solving in the field of human geography.

GY 409. Forest History and Restoration. 4 sem. hrs.
This course covers the theories, tools and techniques used in historical ecology with a focus on the establishment of reference conditions for habitat conservation and restoration efforts. Prerequisite(s): GY 101 or GY 102.

GY 410. The Geography of National Parks. 3 sem. hrs.
This course is devoted to the changing geography of the national park system and protected areas, with an emphasis on their design, planning, and operations. Prerequisite(s): GY 110.

GY 412. Hydroclimatology. 3 sem. hrs.
To provide a basic understanding of the waters of Earth, especially with relation to the effects of precipitation and evaporation upon the occurrence and character of water in streams, lakes and on or below the land surface. Prerequisite(s): GY 101 and GY 302.

GY 413. Applied Climatology. 3 sem. hrs.
Applied Climatology is a graduate/senior level course designed to expand upon fundamental concepts learned in GY 101 and also GY 302 (Climatology). Within this broad field, a specific focus in GY 413 concentrates upon climate and human health behavior, and human modification of climate. The course contains a mixture of lecture, lab, and field assignments. Prerequisite(s): GY 101 and GY 302.

GY 415. The Geography of Extinctions and Endangered Species . 3 sem. hrs.
This course examines the individuals, institutions, research, controversies, and policies that have developed around wildlife extinction, ecological problems associated with extinction, and endangered species. The course also examines the stories of several lost or vanishing species. This course, which has been developed out of the instructor’s current research projects, uses lectures, readings, student-led discussions, writing assignments, and one exam to explore how humans have contributed to, while at the same time grappling with, the issue of wildlife conservation and extinction.

GY 417. Extreme Weather and Society. 3 sem. hrs.
EW&S is an integrated physical and social science seminar class consisting of readings, discussion, and lectures on perception, understanding, and communication of severe weather hazards. Prerequisite(s): GY 101.

Three hours lecture and one two-hour laboratory period. Introduction to the basic principles of electromagnetic radiation, interaction between energy and earth features, remote sensing instruments, and information extraction from remotely sensed data. Computing proficiency is required for a passing grade in this course. Prerequisite(s): GY 204 and CS 102.

GY 424. Cartography Practicum. 3-9 sem. hrs.
Individual work experience in cartography, supervised by faculty and staff of The University of Alabama. A maximum of 3 hours of internship or practicum credit can be applied to the geography major. Credit for GY 424 cannot be applied to the geography minor.

GY 425. Cartography Internship. 3-9 sem. hrs.
Individual work experience on a cartographic project, supervised by the staff of an off-campus agency. A maximum of 3 hours of internship or practicum credit can be applied to the geography major. Credit for GY 425 cannot be applied to the geography minor.

GY 430. Intro Geographic Info Systems. 1.3 sem. hr.
Three hours lecture and one hour laboratory period. Introduces the basic concepts of GIS, including definition and components of GIS, spatial data structures, data sources, data input, manipulation and analysis, applications of GIS, and managing GIS. Computing proficiency is required for a passing grade in this course. Prerequisite(s): GY 204 and CS 102.

GY 431. GIS in Emergency Management. 4 sem. hrs.
 Addresses geo-spatial data, methods, and software used in mitigation, planning, response, and recovery phases of emergency management. Case studies and scenarios are drawn from meteorological, environmental, geological, and biological hazards and disasters. Prerequisite(s): GY 430.

GY 432. Spec Research In Geog. 1-4 sem. hr.

GY 433. GIS Practicum. 3-9 sem. hrs.
Individual work experience in GIS, supervised by the faculty and staff of The University of Alabama. A maximum of 3 hours of internship or practicum credit can be applied to the geography major. Credit for GY 433 cannot be applied to the geography minor.

GY 434. GIS Internship. 3-9 sem. hrs.
Individual work experience in GIS, supervised by the staff of an off-campus agency. A maximum of 3 hours of internship or practicum credit can be applied to the geography major. Credit for GY 434 cannot be applied to the geography minor.

Three hours lecture and one two-hour laboratory period. Analysis and extraction of thematic information from nonphotographic remotely sensed data for geographic information systems. Topics include image processing, image enhancement, and image classification. Computing proficiency is required for a passing grade in this course. Prerequisite(s): GY 420.

GY 436. Adv Geographic Info Syst. 4 sem. hrs.
Three hours lecture and one two-hour laboratory period. Evaluation of case studies, spatial model development, and database design for geographic information systems. Computing proficiency is required for a passing grade in this course. Prerequisite(s): GY 430.

GY 437. GIS for Transportation. 4 sem. hrs.
The application of Geographic Information Systems to transportation has resulted in a sub-field known as GIS-T. This course will provide a hands-on introduction to GIS-T. Prerequisite(s): GY 204.

GY 438. Application Issues In Gis. 4 sem. hrs.
Three hours lecture and one two-hour laboratory period. In-depth study of various topics in the application and technical issues of geographic information systems. Computing proficiency is required for a passing grade in this course. Prerequisite(s): GY 430.

GY 439. GIS Programming. 4 sem. hrs.
This course focuses on the extension of geographic information systems (GIS) through programming as well as on the development of stand-alone algorithms for spatial analysis and numerical modeling. Prerequisite(s): GY 230 (proposed) or GY 430.

GY 440. Commun Facil Planning. 3 sem. hrs.
Principles, processes, and analysis of public facility location planning, with emphasis on the spatial search process, impact analysis, and public facility location models.

GY 441. Land Use Regulations. 3 sem. hrs.
Theory and use of zoning, eminent domain, taxing and police powers, enabling acts, charters, official maps, codes, nuisance ordinances, and environmental impact statements in community planning. Prerequisite(s): GY 200.

GY 442. Cart in Biogeography. 4 sem. hrs.
Addresses the application of GIS data and methods in analyzing geographic distribution and trends of plants and animals. Labs draw data and methods from a variety of biogeographic contexts including historical, modern, terrestrial, marine, conservation, and climate change. Prerequisite(s): GY 430.

GY 444. Field Studies In Africa. 6 sem. hrs.
Three-week intensive field study in Ghana. Explores geographical perspectives on Africa’s level of development and the responses of the African peoples to their circumstances.

GY 450. Conservation Field Studies in Belize. 4 sem. hrs.
Study Belize’s diverse rainforests, coral reefs, and visit Mayan ruins for a glimpse into a past civilization. Belize is unique in that it still contains relatively undisturbed rainforests and the longest barrier reef in the Western Hemisphere. However, while Belize has emerged as an international leader regarding conservation efforts, threats from climate change, poverty, and development still exist. The purpose of this course is 1) examine current conservation efforts to safeguard this biodiversity; 2) familiarize students with the most important aspects of tropical lowland terrestrial and marine ecosystems; 3) understand the role of local culture in sustainable conservation; 4) gain an understanding of the fundamental importance of biodiversity; and 5) expose students to new and unique cultures and environments. The course is designed for students who are interested in conservation issues, biogeography, marine sciences, ornithology and birding, archaeology, and outdoor adventures. Prerequisite(s): GY 102.

GY 452. Environ Decision Making. 3 sem. hrs.
Review of the history of natural resources in the U.S. and current environmental topics, followed by discussion of techniques to facilitate environmental decision making and management.
GY 453. Environment & Society. 3 sem. hrs.
Exploration of the linkages between the biophysical environment and human social systems. Public policy implications are viewed from a social science perspective. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): GY 110.

This program with provide students with a broad interdisciplinary experience encompassing tropical ecology, conservation and development (TECD) in a highly experiential learning context.

GY 455. Planning Practicum. 3-9 sem. hrs.
Individual work experience in planning, supervised by faculty and staff of The University of Alabama. A maximum of 3 hours of internship or practicum credit can be applied to the geography major. Credit for GY 455 cannot be applied to the geography minor.

GY 456. Planning Internship. 3-9 sem. hrs.
Individual work experience in planning, supervised by the staff of an off-campus agency. A maximum of 3 hours of internship or practicum credit can be applied to the geography major. Credit for GY 456 cannot be applied to the geography minor.

GY 458. Urban Planning And Analysis. 3 sem. hrs.
A study of contemporary urban landscapes, political and economic power structures, and resultant conflicts. Includes an in-depth analysis of the role of externalities, the urban planner, urban policymaking, and analytical methods in the planning and administration of urban landscapes.

GY 460. Environmental Management. 3 sem. hrs.
Introduces students to the impact of humans on the planet and the patterns of human behavior necessary to preserve and manage the environment in a self-sustaining manner. Emphasis is on writing and speaking. Prerequisite(s): GY 101.

GY 461. Social Impact Assessment. 3 sem. hrs.
This course focuses on the theories, philosophies, and methodologies of assessing the social consequences of environmental change. Prerequisite(s): GY 101 and SOC 101.

GY 463. Ecosystem Services: Theory and Practice. 4 sem. hrs.
This course will prepare students to function effectively as future researchers and policy-makers on topics related to sustainability and sustainable management of ecosystem-oriented projects and activities. The concept of ecosystem services provides one approach to facilitate trade-off decision making to identify win-win strategies among multiple stakeholders with often conflicting near-term objectives.

GY 465. Region Planning Analysis. 3 sem. hrs.
Principles and processes of regional planning and the analytical methods appropriate for solving regional planning problems. Case studies and the role of the planner in the regional planning process are discussed.

GY 466. Region Urban Transport Systems. 4 sem. hrs.
Examines the location and function of the multimodal North American transportation system, the urban transportation planning process and methodologies. Assesses the political and environmental contexts of transport systems, including impacts of continued reliance on the automobile.

GY 470. Special Topics. 3 sem. hrs.
GY 472. Soil Science. 4 sem. hrs.
Three hours lecture and required field and lab work. Introduction to the study of soils, including soil formation, classification, and the interpretation of soils to reconstruct environmental histories.

GY 483. Environment Science Internship. 3-9 sem. hrs.
Individual work experience in environmental science, supervised by the staff of an off-campus agency. A maximum of 3 hours of internship or practicum credit can be applied to the geography major. Credit for GY 483 cannot be applied to the geography minor.

GY 485. River Hydrology. 3 sem. hrs.
Rivers are dynamic natural systems that are of great importance to ecosystems and society. This course examines river hydrology processes from a physical geography perspective. A major theme of the course will be impacts of human actions on river systems. Prerequisite(s): GY 101 or GY 102.

GY 486. Watershed Dynamics. 3 sem. hrs.
An examination of the physical operation of watersheds focusing on surface water hydrology, erosion, and sedimentation. Prerequisite(s): GY 102.

GY 489. Forest Ecology Veg Analy. 4 sem. hrs.
Three hours lecture and required field work. Study of the nature of forest communities and the interrelationship of organisms that compose them.

GY 490. Geography Internship. 3-9 sem. hrs.
Work experience in an agency involved in geographical analysis. A maximum of 3 hours of internship or practicum credit can be applied to the geography major. Credit for GY 490 cannot be applied to the geography minor.

GY 491. Fluvial Geomorphology. 3 sem. hrs.
This course provides an in-depth investigation of the processes that form rivers and their evolution. Prerequisite(s): GY/GEO 363 Geomorphology.

GY 492. Eastern Forest Communities and Silvics. 4 sem. hrs.
This field course is focused on the biotic and abiotic elements that create distinct forest communities throughout the eastern US, with a particular emphasis on woody plant assemblages including the silvics of dominant and indicator species in different community types. Applications to forest management are stressed. Prerequisite(s): GY 101 or GY 102 or BSC 114.

GY 493. Plant Geography. 4 sem. hrs.
This course covers basic biotic and abiotic terrestrial ecosystem components, environmental gradients, plant distribution patterns, dispersal, colonization, and migration, disturbance processes, and applications to biodiversity conservation. Prerequisite(s): GY 101 or GY 102 or BSC 114.

GY 494. Forest Measurement & Analysis. 4 sem. hrs.
This course is designed to provide students with a theoretical foundation and practical experiences in measuring, inventorying, and describing trees, stands, and forests. Prerequisite(s): GY 489 or BSC 385.

GY 495. Coastal Geomorphology. 3 sem. hrs.
The coastlines of the world, at the triple interface of land, sea, and air, are dynamic geomorphic environments. They are often subject to abrupt changes, associated with storms for example, as well as slower, long-term changes, such as those associated with sea level change. Coastal environments are home to most of the earth’s human population and they include, at the same time, some of the most hazardous of locations. The purpose of this course is to provide a general introduction to the subject of coastal geomorphology, with emphasis on coastal environments and landforms, and with a survey of coastal processes.

Geological Sciences (GEO) Courses

GEO 101. The Dynamic Earth. 4 sem. hrs.
Three lectures and one laboratory. Study of the earth including materials, internal and external processes, deformational events, and plate tectonics. Offered in the fall, spring, and summer semesters.

GEO 102. The Earth Through Time. 4 sem. hrs.
Three lectures and one laboratory. Survey of earth’s history including origin of the earth, plate tectonics and evolution of the continents and ocean basins, and the development of life. Offered in the fall, spring, and summer semesters.

GEO 104. Hazardous Earth. 4 sem. hrs.
This natural science course examines geologic and other Earth hazards that impact humans and ways that human activities often increase these hazards. The course consists of lecture and lab, and includes field trips and videos that illustrate various natural hazards.

GEO 105. Sustainable Earth. 4 sem. hrs.
Three lectures and one laboratory. Lecture and laboratory provide an understanding of important earth resources (rocks and minerals, soil, water, fossil fuels, alternative energy) and how their utilization by humans impacts the environment. Includes discussion of water pollution, air pollution and waste disposal as primary issues related to resource utilization.

GEO 210. Mineralogy. 4 sem. hrs.
Two lectures and two laboratories. Introduction to crystallography, crystal chemistry, rock-forming minerals, physical properties of minerals, hand sample mineral identification, and optical mineralogy. Offered in the fall semester. Prerequisite(s): CH 101 and GEO 101.

GEO 306. Hydrogeology. 3 sem. hrs.
Introduction to the principles of groundwater flow, groundwater exploration, water quality, and groundwater contamination; environmental topics in groundwater. Offered in the fall semester. Prerequisite(s): GEO 101.

Three lectures and one laboratory. Megascopic and microscopic study of igneous and metamorphic rocks, with emphasis on identification, classification, genesis, and relationships to tectonism. Offered in the spring semester. Prerequisite(s): GEO 210.

GEO 355. Invertebrate Paleontology. 3 sem. hrs.
Two lectures and one laboratory. Study of the taxonomy and morphology of major invertebrate fossil groups. Offered in the spring semester. Prerequisite(s): GEO 101 and GEO 102.
GEO 363. Geomorphology. 3 sem. hrs.
Two lectures and one laboratory. Study of landforms with emphasis on the basic geomorphic processes that contribute to their origin. Offered in the fall semester. Prerequisite(s): GEO 101.

GEO 365. Structural Geology. 3 sem. hrs.
Two lectures and one laboratory. An introductory study of the deformation of rocks, including mechanical principles, description and identification of folds and faults, map interpretation, and regional tectonics. Offered in the fall semester. Prerequisite(s): GEO 101 and PH 101.

GEO 367. Sedimentology/Stratigraphy. 4 sem. hrs.
Three lectures and one laboratory. Study of the principles involved in the description and classification of sedimentary rocks and stratigraphic units, with emphasis on sedimentary processes and depositional environments. Offered in the spring semester. Prerequisite(s): GEO 102 and GEO 210.

GEO 369. Introduction Geophysics. 3 sem. hrs.
Introduction to the major fields of exploration geophysics such as seismology, isostasy, heat flow, gravity and magnetic prospecting, and electrical methods. The course includes both principles and applications to petroleum, mining, and environmental problems. Offered in the fall semester. Prerequisite(s): MATH 125 and PH 101 and GEO 101.

GEO 399. Undergraduate Research. 1-6 sem. hr.
A maximum of 4 hours can be applied toward the major in geology. Approval of the department chairperson is required prior to registration. Offered according to demand.

GEO 401. Paleoclimatology. 3 sem. hrs.
Survey of the history of global climate change and the methods used to measure paleoclimate in the geological record. Offered in the Spring semester. Prerequisite(s): GEO 101 or GEO 102.

GEO 404. Quaternary Climate and Envrnmnt. 3 sem. hrs.
Outline of the climatological and environmental history of the past two million years, focusing on causes and impact of glacial and shorter oscillations. Offered according to demand. Prerequisite(s): GEO 401.

GEO 407. Seismology. 3 sem. hrs.
This course provides an overview of earthquake seismology for both upper-level and graduate geo-science students. Topics include elastic wave propagation, seismic ray theory, travel time interpretations, surface wave dispersion, and seismic tomography. Prerequisite(s): MATH 126 or MATH 146.

GEO 410. Soil & Groundwater Restoration. 3 sem. hrs.
Methods for restoring contaminated soil groundwater by examining the factors and processes influencing the efficacy of remediation systems. Emphasis placed on the scientific principles upon which soil and groundwater remediation is based. Prerequisite(s): GEO 101 and CH 101 or CH 117 and CH 102 or 118.

GEO 411. Contaminant Transport in Porous Media. 3 sem. hrs.
This course will cover topics related to the transport and fate of contaminants in subsurface systems. Specifically, this course will discuss the many factors and processes influencing contaminant transport such as the effects of dispersion, interphase mass transfer, transformation reactions, and porous-media heterogeneity. In addition, representative conceptual/mathematical models describing contaminant transport phenomena will be discussed. Prerequisite(s): MATH 125 PH 102 CH 102 GEO 306.

GEO 416. Volcanology. 3 sem. hrs.
Study of the physical properties of magmas, eruptive mechanisms, volcanic products, and the relationship between volcanism and tectonism. Writing proficiency within this discipline is required for a passing grade in this course. Offered in the fall semester. Prerequisite(s): GEO 101 The Dynamic Earth GEO 314 Ign. & Meta. Petrology.

GEO 420. Petroleum Geology. 3 sem. hrs.
Introduction to the origin, migration, accumulation, and entrapment of petroleum. Emphasis is on sedimentary, geochemical, and hydrodynamic processes. Offered in the spring semester of even-numbered years. Prerequisite(s): GEO 365 and GEO 367.

GEO 421. Geology & History of W Turkey. 3 sem. hrs.
This two week long course will emphasize environmental geology history, geoarchaeology, and natural hazards of the Greco-Roman city states in Western Anatolia. It will concentrate on the effects of geology and natural hazards in the decline and eventual fall of these large city states and cultural centers.

GEO 424. Topics In Geology. 1-4 sem. hr.
Special topics in the following areas: economic geology, geochemistry, geophysics, geomorphology, hydrogeology, mineralogy, paleontology, petrology, sedimentology, stratigraphy, structural geology, and tectonics. Offered according to demand. Prerequisite(s): GEO 101 The Dynamic Earth / Minimum Grade of C-.

GEO 430. Ore Deposits. 3 sem. hrs.
Introduction to sedimentary hydrothermal, metasomatic, and magnetic ore deposits, including geologic setting and genesis. Offered on demand. Prerequisite(s): GEO 210.

GEO 435. Honors Sem In Geology. 1 sem. hr.
Oral presentations on current geological topics. Offered in the fall semester.

GEO 436. Honors Sem In Geology. 1 sem. hr.
Oral presentations on current geological topics. Offered in the spring semester.

Introduction to multichannel seismic data acquisition, processing, and interpretation. Includes the theory of wave propagation, time series analysis, and filtering. Lab is problem-based using real-world data and examples. Offered according to demand. Prerequisite(s): MATH 125 or MATH 145, and PH 102.

GEO 446. Scientific Computing. 3 sem. hrs.
This course covers a broad range of computational methods used in the geosciences. Topics include data analysis, manipulation and image processing, using a variety of software packages. Offered according to demand.

GEO 470. General Geochemistry. 3 sem. hrs.
Overview of the field of geochemistry (elementary chemical equilibria and thermodynamics, organic geochemistry, isotopic geochemistry), with an emphasis on solving geologic problems. Offered in the Spring semester. Prerequisite(s): GEO 314.

GEO 476. Analytical Geochemistry. 3 sem. hrs.
Theory, techniques, and applications of geochemical methods for the analysis of rocks, soils, and aqueous fluids. Offered according to demand.

GEO 490. Seminar Regional Geology. 1-3 sem. hr.
Seminar on and field trip to important geologic localities. May be repeated for credit. Offered according to demand.

GEO 492. Geolc Field Wrtng Tech. 2 sem. hrs.
Introduction to the methods of field geology, geology of the southeastern U.S., geological writing, and presentation techniques. Offered according to demand. Prerequisite(s): GEO 367.

GEO 498. Field Geology. 6 sem. hrs.
Five-week field course involving the application of geologic techniques and principles. Includes geologic mapping, data collection, and report writing. Offered during the first summer term. Prerequisite(s): GEO 314 and GEO 365 and GEO 367.

GEO 497. Geological Internships. 3 sem. hrs.
A maximum of 4 hours can be applied toward the major in Geology. Field and laboratory projects with government and industry. Offered according to demand. Prerequisite(s): GEO 101 and GEO 102 or GEO 105.

GEO 499. Research In Geology. 1-4 sem. hr.
Offered according to demand.

German (GN) Courses

GN 101. Elementary German I. 4 sem. hrs.
First semester German language course. Class meets five times a week.

GN 102. Elementary German II. 4 sem. hrs.
Second semester German language course. Class meets five times a week. Prerequisite(s): GN 101 or advisor placement or FLGN 328.

GN 103. Accelerated Elementary German. 4 sem. hrs.
Intensive, accelerated study of first and second semester German language curriculum. Class meets five times a week.

GN 201. Intermediate German I. 3 sem. hrs.
Third semester German language course. Prerequisite(s): GN 102 or GN 103 or advisor placement or FLGN 417.

GN 202. Intermediate German II. 3 sem. hrs.
Fourth semester German language course. Prerequisite(s): GN 201 or advisor placement or FLGN 549+.

GN 205. Living German House I. 2 sem. hrs.
Students living in the German House agree to speak only German, under the supervision of a house director who is a native speaker of German.

GN 206. Living German House II. 2 sem. hrs.
Students living in the German House agree to speak only German, under the supervision of a house director who is a native speaker of German.

GN 205. Germanic Mythology. 3 sem. hrs.
Introduction to gods and myths of the early Germanic peoples as represented in writing and art, as well as the impact of Germanic mythology on Western culture and civilization.
Students planning to enroll should confer with the instructor before registration.

**GN 481. Directed Readings. 1-4 sem. hr.**

Prerequisite(s): GN 361 or GN 362.

**GN 462. Adv Gn Convers Comp II. 3 sem. hrs.**

Prerequisite(s): GN 361 OR GN 362.

Reports on variable topics.

**GN 461. Adv Gn Convers Comp I. 3 sem. hrs.**

Prerequisite(s): GN 361 or GN 362 or instructor approval.

Expands and deepens knowledge of business German and prepares students for genres not studied in depth in other courses.

**GN 450. Intermed Business German. 3 sem. hrs.**

Prerequisite(s): GN 361 or GN 362 or instructor approval.

Acquisition of business German used in commercial transactions. Emphasis is on business letters and business conversation.

**GN 381. Directed Readings. 1-4 sem. hr.**

In addition to the stated prerequisites, all 400-level German courses have as a prerequisite 20 hours of coursework in German, or permission of the instructor.

**GN 371. German Culture and Civilization Thru 1832. 3 sem. hrs.**

A survey of German cultural history from the Germanic tribes through the Age of Goethe. Emphasis is on developments in philosophy, religious thought, music, art, architecture, and popular culture in the context of political and social history.

**GN 365. Business German. 3 sem. hrs.**

Prerequisite(s): GN 202 or instructor approval.

Study of Germany’s place in today’s Europe; political, social, and cultural aspects are examined.

**GN 361. Interim Convers Comp I. 3 sem. hrs.**

Emphasis is on increasing speaking and writing skills in German. Includes essay writing and grammar review.

**GN 362. Interim Convers Comp II. 3 sem. hrs.**

Emphasis is on increasing speaking and writing skills in German. Includes essay writing and grammar review.

**GN 360. Advanced German. 3 sem. hrs.**

A survey in English of German literary masterpieces ranging from the Ring of the Nibelungs and Tristan and Isolde to Goethe’s Faust. Themes include love, myth, religious freedom, war and peace, and nationhood.

**GN 265. German Lit In Translat I. 3 sem. hrs.**

A survey in English of German literary masterpieces ranging from the 19th and 20th centuries. Themes include communism and capitalism, Hitler and the Holocaust, gender, and the responsibility of scientists. Authors might include Kafka, Hesse, Mann, and Grass.

**GN 270. Special Topics. 3 sem. hrs.**

Topic varies. No knowledge of German is required.

**GN 275. Germany Contemp Europe. 3 sem. hrs.**

Prerequisite(s): HIN 101.

Study of Germany’s place in today’s Europe; political, social, and cultural aspects are examined.

**HIN 101. Elementary Hindi. 3 sem. hrs.**

Contemporary Hindi: speaking, reading, and writing. Course involves directed-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a "language trainer" who is a native/near native (or superior level) speaker of the language. Native speakers of this language cannot take this course. Any students with background knowledge of this language must see the CLC director before registering for permission. Not repeatable without permission of the CLC director. Offered each semester.

**HIN 102. Elementary Hindi. 3 sem. hrs.**

Contemporary Hindi: speaking, reading, and writing. Course involves directed- instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a "language trainer" who is a native/near native speaker of the language. Not repeatable without permission of CLC director. Offered each semester.

**HIN 201. Intermed Hindi. 3 sem. hrs.**

Continuation of HIN 201. Emphasis is on the development of reading skills and writing proficiency. Not repeatable without permission of CLC director. Offered according to demand.

**HIN 202. Intermed Hindi. 3 sem. hrs.**

Continuation of HIN 201. Emphasis is on the development of reading skills and writing proficiency. Not repeatable without consent of CLC director. Offered according to demand.

**HIN 490. Adv Hindi Literature. 3 sem. hrs.**

Select readings in Hindi literature. An effort is made to accommodate the student’s special interests. Offered according to demand.

**GR 301. Advanced Greek I. 3 sem. hrs.**

Select readings from Greek prose and poetry. An effort is made to accommodate the student’s special interests. Offered according to demand.

**GR 302. Advanced Greek II. 3 sem. hrs.**

More select readings from Greek prose and poetry. An effort is made to accommodate the student’s special interests. Offered according to demand.

**GR 490. Adv Greek Literature. 3 sem. hrs.**

Select readings in Greek literature. An effort is made to accommodate the student’s special interests. The course may be repeated for credit. Offered according to demand.

**HIN 103. Intermediate Hindi. 3 sem. hrs.**

Contemporary Hindi: speaking, reading, and writing. Course involves directed- instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a "language trainer" who is a native/near native (or superior level) speaker of the language. Native speakers of this language cannot take this course. Any students with background knowledge of this language must see the CLC director before registering for permission. Not repeatable without permission of the CLC director. Offered each semester.

**HIN 203. Intermediate Hindi. 3 sem. hrs.**

Continuation of HIN 202. Emphasis is on the development of reading skills and writing proficiency. Not repeatable without permission of CLC director. Offered according to demand.
HY 101. Western Civ To 1648. 3 sem. hrs.
A history of Western civilization from its origins in Greece and Rome through the
Middle Ages, the Renaissance and Reformation, and the age of discovery and
expansion during the emergence of modern Europe. Usually offered in the summer
session.

HY 102. Western Civ Since 1648. 3 sem. hrs.
Covers the development of the Western world from the Thirty Years’ War to the post-
War World II era; the age of absolutism, the Enlightenment, the French Revolution,
industrialization and the wars of the 20th century. Usually offered in the summer
session.

HY 103. History of American Civilization to 1865. 3 sem. hrs.
A survey of American history from its beginning to the end of the Civil War, giving
special emphasis to the events, people, and ideas that have made America a
distinctive civilization. Open to freshmen.
Prerequisite(s): None.

HY 104. America Civilization Since 1865. 3 sem. hrs.
A survey of American history from the Civil War to the present, giving special
emphasis to the events, people, and ideas that have made America a distinctive
Civilization. Open to freshmen.
Prerequisite(s): None.

HY 105. Honors West Civ To 1648. 3 sem. hrs.
Honors sections of HY 101.

HY 106. Honors West Civ Sc 1648. 3 sem. hrs.
Honors sections of HY 102.

HY 107. Honors American Civilization to 1865. 3 sem. hrs.
An honors-level approach to the American experience; parallel to HY 203.
Prerequisite(s): Invitation of the department or membership in the University Honors
Program.

HY 108. Honors American Civilization Since 1865. 3 sem. hrs.
An honors-level approach to the American experience.
Prerequisite(s): Invitation of the department or membership in the University Honors
Program.

HY 110. Comparative World Civ. 3 sem. hrs.
Examines various civilizations in the world prior to A.D. 1500 and compares their
governments, societies, economies, religions, science, learning, and technology.
History majors may substitute HY 110 for HY 101 to satisfy part of the Western
civilization requirement.

HY 111. Colonial Latin America. 3 sem. hrs.
Formation of the largely Spanish speaking New World, from the shock of conquest to
the trials of freedom that spawned the modern nations of Latin America.
Prerequisite(s): None.

HY 112. Modern Latin America Since 1808. 3 sem. hrs.
Survey of political, economic, and social life in the 19th and 20th centuries with
emphasis on the larger countries (Brazil, Mexico, and Argentina).
Prerequisite(s): None.

HY 113. Asian Civilization to 1400. 3 sem. hrs.
Broad survey of Asian civilization from the earliest times covering India, China,
Korea, Japan and Southeast Asian, with large cultural and religious emphases.
Prerequisite(s): None.

HY 114. Modern Asia since 1400. 3 sem. hrs.
Conditions of various Asian civilizations in the 15th century, followed by the arrival of
Europeans, with emphasis on imperialism, colonialism and Asian nationalism.
Prerequisite(s): None.

HY 115. History of Science to 1667. 3 sem. hrs.
This course will explore the origins and evolution of science and technology and
the relationship both had to the societies that produced them. In addition to reading
foundational texts in the history of science, like Aristotle and Galileo, we will address
larger themes, including the relationship between science and religion and the role of
science and scientists in the societies that produced them.

HY 116. History of Science Since 1687. 3 sem. hrs.
Science and technology are ever-present in today’s world, defining not only how we
live our daily lives but also shaping our conceptions and evaluations of modernity,
civilization, and progress. How did science and technology become so important and
pervasive to the modern world? This course is intended as an introduction to the
history of modern science and technology from the Enlightenment to the present.
Our focus will be on the development of science and technology in the Western
World (Europe and North America). However, we will also make comparisons across
cultures to explore how science and technology shaped notions of what counts as
“Western” and “modern.” In addition to learning about key developments in
the history of science and technology, from Ford’s Model-T to Einstein’s theory of
relativity, we will address larger themes, including the relationship between science
and religion and the role of technology in war and empire.

HY 200. Special Studies in Hy. 1-3 sem. hr.

HY 225. Hy Alabama To 1665. 3 sem. hrs.
State history under the flags of Spain, France, Great Britain, the U.S., and the
Confederate States, with emphasis on cultural heritage.

HY 226. Hy Alabama From 1665. 3 sem. hrs.
Survey of Alabama’s history and personalities since 1665: Reconstruction, agrarian
revolt, Progressivism, the KKK, Dixiecrats and the Civil Rights movement.

HY 235. Christ Church To 1500. 3 sem. hrs.
Survey of the Christian church from its origins in the Middle East through its victory
over the Roman Empire and its ascendency in the Middle Ages.

HY 236. Christ Church Sc 1500. 3 sem. hrs.
Cultural and institutional history of the Christian church with emphasis on the
Reformation and Counter-Reformation and discussion of the church in the New
World.

HY 247. England To 1668. 3 sem. hrs.
History of Western civilization in one country, from Anglo-Saxon times to the growth
of absolutism and resistance.

HY 248. England Since 1668. 3 sem. hrs.
England from the Glorious Revolution to the post-World War II era, with emphasis on
social and cultural topics as well as foreign affairs.

HY 295. Us Naval History. 3 sem. hrs.
Traces the development of the U.S. Navy from sailing ships to nuclear vessels,
and relates it to political and economic conditions and to wars throughout American
history.

HY 300. Special Studies in History. 3 sem. hrs.
Special studies in history. May be repeated for a maximum of 18 hours.

HY 301. Independent Study. 1-3 sem. hr.
Directed study done by special arrangement with a faculty member of the History
Department. Requires sophomore standing and permission of the instructor.

HY 312. American South Before 1865. 3 sem. hrs.
The South from colonial times to the Civil War, tracing the growth of the plantation
system, extension of the frontier, commerce and industry, cultural influences, and the
institution of slavery.

HY 313. American South Since 1865. 3 sem. hrs.
History of the South since 1865, covering Reconstruction, the Bourbon Democracy,
the New South Creed, populist revolt, World War I, the 1920s, the Great Depression,
the civil rights movement, and Southern politics.

HY 314. Coming Of The Civil War. 3 sem. hrs.
American history from 1815 to 1861, giving special emphasis to the development of
a distinctive American culture and the factors within that culture that led to the Civil
War.

HY 315. The Civil War. 3 sem. hrs.
The military, political, diplomatic, social, and intellectual aspects of the Civil War
years, and the impact of the war on subsequent American history.

HY 316. Life & Legend Abraham Lincoln. 3 sem. hrs.
The life and legend of the man often considered to be the representative American.

HY 318. U S Since 1945. 3 sem. hrs.
Topical survey of the economic, social, political, and cultural developments in the
United States since World War II.

HY 319. 19th Century Black History. 3 sem. hrs.
Role of black Americans in American life from the 17th century to the beginning of
the 20th century, with emphasis on the institutions and events of the 1800s.

HY 320. 20th Century Black History. 3 sem. hrs.
The interrelationship of blacks and the industrial-urban environment of the United
States.

HY 321. Religion in Modern Europe. 3 sem. hrs.
A survey of religious thought and practice in Europe since 1750.
HY 323. Us Constitut Hy to 1877. 3 sem. hrs.
Deals with the evolution of constitutional law and the nature and process of judicial review, including 18th-century constitutional theory and Supreme Court decisions.

HY 324. Us Constitut Hy sc 1877. 3 sem. hrs.
Continuation of HY 323, tracing developments up to the current Supreme Court.

HY 325. Us-World Power to 1988. 3 sem. hrs.
Emphasizes ideological realism and foreign policy power, the change from isolationism to international involvement, "New Manifest Destiny," and the rise of America to world power.

Emphasizes American international involvement through the Panama Canal, the Roosevelt Corollary, World War I and the League of Nations, Pearl Harbor and World War II, the Cold War, Vietnam War, and after.

HY 327. Women in Early America. 3 sem. hrs.
Examines the history of women in early North America from 1660 to 1877.

HY 330. Civil Rights Movement. 3 sem. hrs.
History of the leaders, organizations, and events of the Civil Rights Movement during the years 1945 to 1968.

HY 331. Religion and Civil Rights. 3 sem. hrs.
Religion and Civil Rights studies the civil rights movement in Tuscaloosa and West Alabama. Students examine how religious beliefs and institutions undergirded the movement and then partner with a local black church to tell its history under segregation. Students will interview older congregants about their lives during Jim Crow, transcribe the interviews, and synthesize their research a book for the church.

HY 332. Native American History. 3 sem. hrs.
This course examines the histories of hundreds of indigenous peoples in North America from early human habitation to the present day, with a focus on those residing in what is now the United States and Canada. We will study their experiences; their encounters with one another, Europeans, and Africans; and the different histories that people have told about those experiences and encounters. Class materials, which include art, film, and fiction as well as history and anthropology, stress the diversity of Native lifeways as well as the ways in which the history of American Indians has often been ignored, changed, appropriated, and distorted, as well as reclaimed and re-evaluated over time. Some of the questions we will consider throughout the semester include: How much can we know about Indigenous peoples before they had an alphabetic written history? What can European sources teach us about the Native peoples they encountered? How did the Natives of North America live before 1492? Does it make any sense to generalize about “Indians,” given that they include a large number of diverse peoples? How did contact with Europeans and Africans and (their diseases and technologies) change Native societies? How did Natives affect Europeans and Africans? Why did Native peoples lose ground (literally and figuratively) in the nineteenth century? How have Natives experienced and reacted to the changes of the twentieth century? What does it mean to be a Native person in the United States today?

HY 333. America in the Progressive Era: A Nation Comes of Age. 3 sem. hrs.
There have only been a handful of times in our nation’s history that can rightly be described as transformative. These have been eras in which, as Doris Kearns Goodwin rightly says, “a molt seems to take place, and an altered country begins to emerge.” In this course, we will critically analyze the period of American history from 1900 to 1920, to comprehend the context of the Progressive Era. What were the causes of the change? How much did we know about Indigenous peoples before they had an alphabetic written history? What can European sources teach us about the Native peoples they encountered? How did the Natives of North America live before 1492? Does it make any sense to generalize about “Indians,” given that they include a large number of diverse peoples? How did contact with Europeans and Africans and (their diseases and technologies) change Native societies? How did Natives affect Europeans and Africans? Why did Native peoples lose ground (literally and figuratively) in the nineteenth century? How have Natives experienced and reacted to the changes of the twentieth century? What does it mean to be a Native person in the United States today?

HY 334. U.S. Disability History. 3 sem. hrs.
This course places the experiences of people with disabilities at the center of the American story, from long before Europeans arrived in North America through today. We will explore the changing lives of people with disabilities—from railroad workers and rights activists to wheelchair athletes and participants in freak shows to college students and more—as well as the history of disability policy and conceptions of disability. We will focus on the social and cultural history of disability rather than its strictly physical or medical aspects. U.S. Disability History takes a new approach to familiar topics in U.S. history, including colonization, slavery, immigration, racial and gender stereotypes, education, civil rights, and citizenship, among others.

Survey of the historical background of the conflict in Indochina leading to U.S. involvement and its consequences.

HY 349. History of France 1760-present. 3 sem. hrs.
This course examines major trends in the social, cultural, economic and political history of modern France. Major themes include: republicanism and citizenship, nationalism, daily life, war, class conflict, consumerism, imperialism, the arts and gender.

HY 355. German History Sc 1740. 3 sem. hrs.

HY 357. World War I. 3 sem. hrs.
The war to end all wars, from the European crises culminating at Sarajevo in 1914 to peacemaking at Versailles in 1919, with emphasis on the western and eastern fronts and on the war at sea.

HY 358. World War II. 3 sem. hrs.
The global conflict, or series of conflicts, from Manchukuo in 1931 to Tokyo Bay in 1945, with emphasis on battles on land and sea and in the air, life on the home fronts and in enemy-occupied areas, and the legacy of the war to future generations. Writing proficiency within this discipline is required for a passing grade in this course.

HY 361. Russia to 1894. 3 sem. hrs.
Political history of Russia from the ninth to the 19th centuries, followed by social and cultural history of the Russian revolutionary movement.

HY 362. Russia-Soviet Union since 1894. 3 sem. hrs.
Crisis in Russian society and the coming of the Revolution; the emergence of Stalinism; and political developments since World War II, including the disintegration of the Soviet system.

HY 365. European Consumer Society. 3 sem. hrs.
This course explores the evolution of modern Europe’s consumer society from the 18th century to the present to understand how changing patterns of consumption fostered new relationships between individuals and the material world.

In what ways did the Atlantic Ocean resemble an early-modern super-highway, moving people, ideas, and products across its waters? How did the individuals who shaped this world – rebellious slaves, elite planters, Aztec emperors, wayward sailors, Kongolese kings, infamous pirates and radical revolutionaries – contribute to the creation of this vibrant and dynamic world? A History of the Atlantic World answers these questions by tracing four centuries of interactions among Europeans, Africans and Native Americans, from the first European forays down the west coast of Africa in the fifteenth century, to the turbulent Age of Revolutions at the close of the eighteenth century.

HY 377. Mexico since 1810. 3 sem. hrs.
Mexican Independence, the Constitution of 1824, Santa Anna, revolutions in the 19th and 20th centuries, and contemporary Mexico.

HY 378. Drugs, Booze, and Mexican Society. 3 sem. hrs.
This course is a hybrid survey of Mexican history since conquest, the history of the US-Mexican border, and a view of that history through the lens of drug production, consumption, and influence on Mexican society and US-Mexican relations. In short, the goal of this course is to impart an understanding of drugs as embedded in Mexican social, political, economic, and cultural contexts, providing students with a view from the Mexican side of the border. Alcohol and marijuana will be the focus of the course, but other substances will enter into certain readings throughout the semester. An important theme in this course is to answer the question “What are the origins of today’s War on Drugs?” In addition, the course will endeavour to provide a broader, international context for the development and use of intoxicants and the drug trade, both legal and illegal.

HY 384. Ancient Egypt Near East. 3 sem. hrs.

HY 385. History Of Greece. 3 sem. hrs.

HY 386. History Of Rome. 3 sem. hrs.

HY 390. Survey of Irish History. 3 sem. hrs.
A comprehensive look at the Irish experience from prehistoric times to the present.
HY 393. British Emp & Commonwealth, 3 sem. hrs.
Rise and fall of the British Empire: its creators, bureaucracy, wars, ideas, and the forces that transformed it. Writing proficiency within this discipline is required for a passing grade in this course.

HY 395. History Colloquium, 3 sem. hrs.
Intensive reading, writing, and discussion on special topics in history.

HY 399. History Honors Colloquium, 3 sem. hrs.
Focuses on the discipline of history itself. Will examine some of the fundamental questions about what history is and why the study of history matters. Subject matter varies by term.

HY 400. Special Studies in History, 1-6 sem. hr.
Writing proficiency within this discipline is required for a passing grade in this course. May be repeated for a maximum of 18 hours.

HY 402. Modern Japan since 1550, 3 sem. hrs.
Major emphasis on the end of the Tokugawa Period (1800-1868), the rise of modernized Japan in the Meiji Period (1868-1912) and the 20th century.

HY 403. Chinese Civ. to 1600, 3 sem. hrs.
Survey of Chinese culture from the Shang period through the Ming period.

HY 404. Modern China since 1600, 3 sem. hrs.
Survey of Chinese history in the Ch’ing Dynasty and the 20th century with emphasis on 19th- and 20th-century events.

HY 408. Colonial Us to 1763, 3 sem. hrs.
Topical survey of major themes in U.S. colonial history, with particular emphasis on Anglo-American developments.

HY 409. Amer Rev/New Nation, 3 sem. hrs.
The development of revolutionary sentiment in the North American colonies, the resulting revolution, and the subsequent efforts to establish the new nation. Writing proficiency within this discipline is required for a passing grade in this course.

HY 411. Comp. Slavery & Emancipation, 3 sem. hrs.
Explores the development of slavery and the struggles for emancipation in the Americas 1400-1900. Focusing on how race, gender and region shaped experiences.

HY 412. Slavery America Popular Cult, 3 sem. hrs.
An examination of slavery in American popular culture from the 1840s to the present. Topics and media include fiction, autobiography, film and television, advertising, and confederate celebrations. Prerequisite(s): HY 203.

HY 413. Mexican War Thru Civil War, 3 sem. hrs.
Examines how Americans thought about and used armed force from 1845 to 1865. Writing proficiency within this discipline is required for a passing grade in this course.

HY 416. Us Fr Recons To Wwr I, 3 sem. hrs.
Selected topics relating to the development of the U.S., especially domestic affairs and the growth of important institutions.

HY 417. US from WWI to WWII, 3 sem. hrs.

American intellectual/cultural history to 1860. Includes changing ideas about society, politics, morality, science, nature, religion, gender and race. Writing proficiency within this discipline is required for a passing grade in this course.

HY 425. American Thought since 1860, 3 sem. hrs.
American intellectual/cultural history since 1860. Includes changing ideas about society, politics, morality, science, nature, religion, gender and race. Writing proficiency within this discipline is required for a passing grade in this course.

HY 428. Women In America, 3 sem. hrs.
Examines the experiences of women from mid-nineteenth century to present with special attention to ideologies about women’s roles and effects of region, race, class and ethnicity.

HY 429. Spanish Frontier in N. America, 3 sem. hrs.
History of the Spanish advance into the present-day borders of the U.S., explaining how Spain fought and finally succumbed to the more dynamic and aggressive French and English.

HY 430. UG Research Seminar, 3 sem. hrs.
This course will offer training in historical methods and theory. It will culminate in a 15 page research paper and oral presentation. Writing proficiency within this discipline is required for a passing grade in this course.

HY 432. Gender and Native Americans: Beyond Pocohontas, 3 sem. hrs.
Explores contact between Native Americans and Europeans in the early Americas through attention to gender, stressing the diversity of Native life ways.

HY 441. Comp Slavery & Emancipation, 3 sem. hrs.
Examines the experiences of women from mid-nineteenth century to present with special attention to ideologies about women’s roles and effects of region, race, class and ethnicity.

HY 444. Reform & Counter-Reformation, 3 sem. hrs.
History of the separation of the Catholic and Protestant churches from the ideal of the universal Christian church and late medieval religious practice. Writing proficiency within this discipline is required for a passing grade in this course.

HY 446. Age of Reason 1715-89, 3 sem. hrs.
The Enlightenment of Voltaire, Diderot, Rousseau, Franklin, Hume, Goethe, and Kant, whose writings exalted individual reason, tolerance, liberalism, science, and public service and set the stage for the French Revolution.

HY 448. Women in Europe since 1750, 3 sem. hrs.
This course surveys women’s lives in Europe from 1750 to the present. Themes explored include: identity construction, power relationships, domesticity, class, war, consumerism and sexuality.

HY 451. Early Modern Germany, 3 sem. hrs.
This course examines the political, religious, intellectual, military, cultural and social history of German speaking central Europe from the Eve of the Protestant Reformation to the eve of the French Revolution. Writing proficiency within this discipline is required for a passing grade in this course.

HY 455. The Darwinian Revolution, 3 sem. hrs.
Though it is often believed to begin with Charles Darwin, Evolutionary Theory has a history dating back to the seventeenth century. In this course we will focus on this history from those early beginnings century through modern genetics and epigenetics. Along with Charles Darwin himself, we will explore the contributions of other well-known scientists, such as Lamarck, Charles Lyell, T. H. Huxley, Gregor Mendel, and T. H. Morgan. Additionally, we will familiarize ourselves with the ideas of less well known but important individuals whose theories are crucial for understanding the development of evolutionary theory and the shaping of Darwin’s legacy. Throughout the course, we will also examine their contributions in specific historical contexts, pausing to pay particular attention to social responses to the developing theory of Darwinism. Ultimately, we will leave with a fuller understanding of and a greater appreciation for what we now term “evolutionary theory.”

HY 471. Age Exploration & Conquest, 3 sem. hrs.
A history of exploration during the 15th and 16th centuries, when European nations expanded by sea voyages and conquest, settling in the Americas, Africa, and Asia.

HY 474. Relation US Latin Amer, 3 sem. hrs.
Chronological survey of diplomatic, economic, and cultural relations, with emphasis on the 20th century. Writing proficiency within this discipline is required for a passing grade in this course.

HY 475. Caribbean Basin 1492 - Present, 3 sem. hrs.
Traces the evolution of Caribbean and Central American nations from the first European settlements to the present.

HY 476. HY Religion in Latin America, 3 sem. hrs.
The history of religion in Latin America from the late fifteenth century through modern genetics and epigenetics. Along with Charles Darwin himself, we will explore the contributions of other well-known scientists, such as Lamarck, Charles Lyell, T. H. Huxley, Gregor Mendel, and T. H. Morgan. Additionally, we will familiarize ourselves with the ideas of less well known but important individuals whose theories are crucial for understanding the development of evolutionary theory and the shaping of Darwin’s legacy. Throughout the course, we will also examine their contributions in specific historical contexts, pausing to pay particular attention to social responses to the developing theory of Darwinism. Ultimately, we will leave with a fuller understanding of and a greater appreciation for what we now term “evolutionary theory.”

HY 481. War/Dipl. in Med & Mod. Europe, 3 sem. hrs.
This course examines developments in European warfare and diplomatic practice in the late medieval and early modern periods. Writing proficiency within this discipline is required for a passing grade in this course.

HY 482. War & Religion in the West, 3 sem. hrs.
This course examines the complex interrelationships between religion and armed conflict in the Western tradition from the ancient world into modern times. Writing proficiency within this discipline is required for a passing grade in this course.

HY 483. Thirty Years’ War, 3 sem. hrs.
This course explores the background, events, and consequences of the Thirty Years’ War that raged in the center of Europe from 1618 to 1648. We will examine not only the history of the war itself, but also the multiple controversies that continue to divide scholars over the causes, nature, and significance of the conflict. Readings will include both primary and secondary sources.
HY 490. England under Tudors. 3 sem. hrs.
Development of an early modern state: establishment of a strong central monarchy, religious crises from the Reformation to the Puritan movement, and exuberance and excess of an expanding society. Writing proficiency within this discipline is required for a passing grade in this course.

HY 491. England under Stuarts. 3 sem. hrs.
How Englishmen of the 17th century worked out the great questions of their day: Was liberty compatible with strong government? Could English elites share power without destroying it? What did God want for England? Writing proficiency within this discipline is required for a passing grade in this course.

HY 493. Britain in the 18th Century. 3 sem. hrs.
From the Hanoverian Succession in 1714 to victory at Waterloo in 1815: political development, the Agrarian and Industrial Revolutions, John Wesley, Samuel Johnson, and an apparently endless succession of wars. Writing proficiency within this discipline is required for a passing grade in this course.

HY 494. Britain in the Victorian Age. 3 sem. hrs.
Britain at her apogee: possessor of the empire on which the sun never set, world economic leader, nation of Peel and Palmerston, Gladstone and Disraeli, Dickens and Trollope, Tennyson and Browning, Turner and Constable.

HY 496. Honors Thesis I. 3 sem. hrs.
Independent research and writing to produce a senior honors thesis in history.

HY 499. Honors Thesis II. 3 sem. hrs.
Independent research and writing to produce a senior honors thesis in history. Prerequisite(s): HY 399 and HY 498.

Indonesian (INDO) Courses

INDO 101. Elem Indonesian Language. 3 sem. hrs.
Contemporary Indonesian: speaking, reading, and writing. Course involves directed-self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a “language trainer” who is a native/near native (or superior level) speaker of the language. Native speakers of this language cannot take this course. Any students with background knowledge of this language must see the CLC director for permission before registering. Not repeatable without permission of the CLC director.

INDO 102. Elem Indonesian Language. 3 sem. hrs.
Contemporary Indonesian: speaking, reading, and writing. Course involves directed-self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a “language trainer” who is a native/near native/superior-level speaker of the language. Not repeatable without permission of the CLC director. Prerequisite(s): INDO 101.

INDO 201. Intermediate Indonesian. 3 sem. hrs.
Continuation of Indonesian language on the intermediate level. Emphasis is on the development of reading skills and writing proficiency. Offered according to demand. Prerequisite(s): INDO 102.

Japanese (JA) Courses

Five hours of instruction per week. Acquisition of elementary Japanese language skills in listening, speaking, reading, and writing.

Five hours of instruction per week. A continuation of JA 101. Prerequisite(s): JA 101.

A continuation of JA 102. Prerequisite(s): JA 102.

A continuation of JA 201. Prerequisite(s): JA 201.

JA 301. Third Year Japanese I. 3 sem. hrs.
A continuation of JA 302.

JA 302. Third Year Japanese II. 3 sem. hrs.
A continuation of JA 301.

JA 356. Traditional Japanese Lit Trans. 3 sem. hrs.
Introduction to Japanese literature from the earliest times through the Tokugawa period. No knowledge of Japanese is required.

JA 357. Japanese Literature & Film. 3 sem. hrs.
Introduction to modern Japanese literature and movie from the Meiji period to the present. No knowledge of Japanese is required. Students will learn historical/technical aspects, and will develop critical thinking skills based on the reading of Japanese stories and viewing of Japanese films and understand the value of Japanese literature, artistic concept in cultural context.

This course is for students who need fundamental knowledge of current Japanese culture. The topics include modern history, characteristics of Japanese business, social problems, traditional religious and philosophy of the Japanese people. Prerequisite(s): JA 102.

This course is for students who need fundamental knowledge of current Japanese culture. The topics include traditional art forms, Buddhism sculptures, movies, traditional music and theater, subculture and martial arts. Prerequisite(s): JA 102.

JA 390. Topics Japanese Studies. 3 sem. hrs.
Discussion and research of various topics related to Japanese language/culture. Topics may change each semester, such as KANJI, or traditional and modern Japanese culture including theatrical arts, music, and religious thoughts of Japan. With permission of the program director, this course may be applied toward the Japanese minor.

JA 410. 4 yr Read/Write Japanese. 3 sem. hrs.
A continuation of JA 301 and JA 302 with emphasis on development of reading and writing skills.

JA 411. 4th Year Spoken Japanese. 3 sem. hrs.
A continuation of JA 301 and JA 302 with emphasis on development of listening and speaking skills.

JA 481. Directed Readings. 1-4 sem. hr.
JA 482. Directed Readings. 1-4 sem. hr.

IT 364. Masterpieces of Italian Lit.. 3 sem. hrs.
Study of selected major works of Italian literature in translation without restriction as to literary period or genre.

IT 380. Special Topics. 3 sem. hrs.
The subject matter varies, and includes "Film and Literature" and "Fascism in Film and Literature" with lectures in English. "No prerequisite necessary for courses offered in English. May be repeated for credit.

IT 480. Special Topics. 3 sem. hrs.
The subject matter varies. May be repeated for credit. Offered according to demand.
Korean (KOR) Courses

KOR 101. Elementary Korean. 3 sem. hrs.
Contemporary Korean: speaking, reading, and writing. Course involves directed-self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a “language trainer” who is a native/near native (or superior level) speaker of the language. Native speakers of this language cannot take this course. Any students with background knowledge of this language must see the CLC director for permission before registering. Not repeatable without permission of the CLC director. Offered each semester.
Prerequisite(s): KOR 101.

KOR 102. Intermediate Korean. 3 sem. hrs.
Contemporary Korean: speaking, reading, and writing. Course involves directed self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a “language trainer” who is a native/near native/superior-level speaker of the language. Not repeatable without permission of the CLC director. Offered each semester.
Prerequisite(s): KOR 102.

KOR 201. Intermediate Korean. 3 sem. hrs.
Continuation of Korean language on the intermediate level. Emphasis is on the development of reading skills and writing proficiency. Offered according to demand. Not repeatable without permission of the CLC director.
Prerequisite(s): KOR 201.

Continuation of KOR 201. Emphasis is on the development of reading skills and writing proficiency. Offered according to demand. Not repeatable without permission of the CLC director.
Prerequisite(s): KOR 202.

Latin (LA) Courses

Beginning fundamentals of Latin grammar and syntax. Offered in the fall semester.

LA 102. Elementary Latin II. 3 sem. hrs.
Continued study of the fundamentals of Latin grammar and syntax. Offered in the spring semester.
Prerequisite(s): LA 101.

Introduction to and practice at reading Latin literature. Offered in the fall semester.
Prerequisite(s): LA 101.

Selected readings from Latin literature. Offered in the spring semester.
Prerequisite(s): LA 201.

LA 301. Advanced Reading in a Roman Author or Genre. 3 sem. hrs.
Readings in Latin literature to the time of Julius Caesar. Offered in the fall semester.

LA 302. Advanced Reading in a Roman Author or Genre. 3 sem. hrs.
Selected readings in later Roman literature. Offered in the spring semester.

LA 490. Readings in Latin Literature. 3 sem. hrs.
The subject matter varies. May be repeated for credit. Offered according to demand.
Prerequisite(s): LA 301 or LA 302.

Marine Science (MS) Courses

MS 304. Marine Geology. 4 sem. hrs.
Credit earned in this course may not be applied to the requirements of the biological sciences major or minor. Field sampling techniques, laboratory analysis of sediments, topography, sediments, and history of the world oceans.

MS 306. Marine Biology. 4 sem. hrs.
Survey of the invertebrates, vertebrates, and marine plants as communities, with emphasis on local examples.

MS 321. . 2 sem. hrs.

MS 400. . 2 sem. hrs.
This course is an introductory level course to coastal avian fauna. Study of coastal birds with an emphasis on various nesting sites and nesting behavior. This course includes identification, population dynamics and behavior of coastal birds. Lectures emphasize functional ecology specifically nesting biology of numerous species found along Alabama’s coastal region. Topics include migration, mechanics of flight, breeding biology, and foraging. This course is a field-based course with an emphasis on breeding biology and behavior and introduction to bird identification.
Prerequisite(s): BSC 114 or BSC 385.

MS 401. . 2 sem. hrs.
This course is an introduction to coastal sediment processes and applied coastal geomorphology. Waves and other coastal hydrodynamics, sediment transport, and interaction between natural process and man’s activities such as dredging, jetties, and beachfills will be studied. The barrier island coast of Alabama will be used extensively in field trip investigations of these processes. This course is designed for undergraduate and graduate students in the physical and biological marine sciences.
Prerequisite(s): BSC 114 or GEO 101.

MS 408. Marine Invertebrate Zoology. 4 sem. hrs.
Comparative study of the major marine invertebrate phyla, protozoa through protochordates. The focus is on their morphology, physiology, ecology, and phylogenetic relationships.

MS 419. Marine Ecology. 4 sem. hrs.
Bioenergetics, community structure, population dynamics, predation, competition, and specialization in marine ecosystems.

MS 433. Coastal Zone Management. 2 sem. hrs.
Review of ecological features, physical management policies for coastal communities, and a description of relevant federal and state programs.

MS 448. Intro Oceanography. 4 sem. hrs.
A general introduction to the oceans, with emphasis on chemical, physical, and geological processes and their relation to biological systems.

MS 452. Marine Vertebrate Zoology. 4 sem. hrs.
Systematics, zoogeography, and ecology of marine vertebrates.

MS 453. Marine Botany. 4 sem. hrs.
Reproduction, taxonomy, systematics, distribution, and ecology of the major marine plant groups.

MS 497. Special Topics. 1-4 sem. hr.
A marine science topic not covered in other courses. The credit hours and format are determined as appropriate to the topic. Offered according to demand and instructor availability.

Mathematics (MATH) Courses

MATH 005. Introductory Algebra. 3 sem. hrs.
Brief review of arithmetic operations and basic algebraic concepts: factoring, operations with polynomials and rational expressions, linear equations and word problems, graphing linear equations, simplification of expressions involving radicals or negative exponents, and elementary work with quadratic equations. Grades are reported as pass/fail.

MATH 100. Intermediate Algebra. 3 sem. hrs.
Prerequisites: Placement and two units of college-preparatory mathematics; if a student has previously been placed in MATH 005, a grade of “C-” or higher in MATH 005 is required. Intermediate-level course including work on functions, graphs, linear equations and inequalities, quadratic equations, systems of equations, and operations with exponents and radicals. The solution of word problems is stressed. NOT APPLICABLE to UA Core Curriculum mathematics requirement. Grades are reported as A, B, C or NC (No Credit).
Prerequisite(s): UA Math Placement Test Score of 190 or higher or ACT Math Subscore of 18 or SAT Math Subscore of 440 or higher or MATH 005.

MATH 110. Finite Mathematics. 3 sem. hrs.
This course is intended to give an overview of topics in finite mathematics with applications. This course covers mathematics of finance, logic, set theory, elementary probability and statistics. This course does not provide sufficient background for students who will need to take Precalculus Algebra or Calculus. Grades are reported as A, B, C or NC (No Credit).
Prerequisite(s): UA Math Placement Test Score of 190 or higher or ACT Math Subscore of 18 or SAT Math Subscore of 440 or higher or MATH 100.

MATH 112. Precalculus Algebra. 3 sem. hrs.
Prerequisites: Placement and three units of college-preparatory mathematics; if a student has previously been placed in MATH 100, a grade of “C-” or higher in MATH 100 is required. A higher-level course emphasizing functions including polynomial functions, rational functions, and the exponential and logarithmic functions. Graphs of these functions are stressed. The course also includes work on equations, inequalities, systems of equations, the binomial theorem, and the complex and rational roots of polynomials. Applications are stressed. Grades are reported as A, B, C or NC (No Credit).
Prerequisite(s): UA Math Placement Test Score of 310 or higher or ACT Math Subscore of 24 or SAT Math Subscore of 560 or MATH 100.
MATH 113. Precalculus Trigonometry. 3 sem. hrs.
Prerequisite: If a student has previously been placed into MATH 112, a grade of "C-" or higher in MATH 112 is required. Continuation of MATH 112. The course includes study of trigonometric functions, inverse trigonometric functions, trigonometric identities and trigonometric equations. Complex numbers, De Moivre's Theorem, polar coordinates, vectors and other topics in algebra are also addressed, including conic sections, sequences and series. Grades are reported as A, B, C or NC (No Credit).
Prerequisite(s): MATH 112.

MATH 115. Precalc Algebra & Trig. 3 sem. hrs.
Prerequisite: Placement and a strong background in college-preparatory mathematics, including one-half unit in trigonometry. Properties and graphs of exponential, logarithmic, and trigonometric functions are emphasized. Also includes trigonometric identities, polynomial and rational functions, inequalities, systems of equations, vectors, and polar coordinates. Grades are reported as A, B, C, or NC (No Credit). Degree credit will not be granted for both MATH 115 and MATH 112 or MATH 113.
Prerequisite(s): UA Math Placement Test Score of 380 or higher or ACT Math Subscore of 29 or SAT Math Subscore of 650.

MATH 121. Calculus & Applications. 3 sem. hrs.
Prerequisite: MATH 112 or equivalent. If a student has previously been placed in MATH 112, a grade of "C-" or higher in MATH 112 is required. A brief overview of calculus primarily for students in the Culverhouse College of Commerce and Business Administration. This course does not provide sufficient background for students who will need higher levels of Calculus. Note: This course does not satisfy the requirement for MATH 125 or 126. Degree credit will not be granted for both MATH 121 and MATH 125 or MATH 145.
Prerequisite(s): (MATH 112 AND MATH 113) OR MATH 115.

MATH 125. Calculus I. 4 sem. hrs.
This is the first of three courses in the basic calculus sequence. Topics include the limit of a function; the derivative of algebraic, trigonometric, exponential, and logarithmic functions; and the definite integral. Applications of the derivative are covered in detail, including approximations of error using differentials, maxima and minima problems, and curve sketching using calculus. There is also a brief review of selected precalculus topics at the beginning of the course. Degree credit will not be granted for both MATH 121 and MATH 125 or MATH 145.
Prerequisite(s): MATH 113 and MATH 112; or MATH 115.

MATH 126. Calculus II. 4 sem. hrs.
This is the second of three courses in the basic calculus sequence. Topics include vectors and the geometry of space, applications of integration, integration techniques, L'Hopital's Rule, improper integrals, parametric equations, polar coordinates, conic sections and infinite series.
Prerequisite(s): MATH 125 or MATH 131 or MATH 145.

MATH 145. Honors Calculus I. 4 sem. hrs.
Honors sections of MATH 125.

MATH 146. Honors Calculus II. 4 sem. hrs.
Honors sections of MATH 126.
Prerequisite(s): MATH 125 or MATH 145.

MATH 208. Number And Operations. 3 sem. hrs.
Arithmetic of whole numbers and integers, fractions, proportion and ratio, and place value. Class activities initiate investigations underlying mathematical structure in arithmetic processes and include hands-on manipulatives for modeling solutions. Emphasis is on the exploration of the mathematical thought process. Students are required to verbalize explanations and thought processes and to write reflections on assigned readings on the teaching and learning of mathematics.
Prerequisite(s): MATH 100 or MATH 110 or MATH 112.

MATH 209. Geometry & Measurement. 3 sem. hrs.
Properties of two- and three-dimensional shapes, rigid motion transformations, similarity, spatial reasoning, and the process and techniques of measurement. Class activities initiate investigations of underlying mathematical structure in the exploration of shape and space. Emphasis is on the exploration of the mathematical thought process. Technology specifically designed to facilitate geometric explorations is integrated throughout the course.
Prerequisite(s): MATH 208.

MATH 210. Data Analysis Probabil Stats. 3 sem. hrs.
Data analysis, statistics, and probability, including collecting, displaying/representing, exploring, and interpreting data, probability models, and applications. Focus is on statistics for problem solving and decision making, rather than calculation. Class activities deepen the understanding of fundamental issues in learning to work with data. Technology specifically designed for data-driven investigations and statistical analysis is integrated throughout the course.
Prerequisite(s): MATH 208.

MATH 227. Calculus III. 4 sem. hrs.
This is the third of three courses in the basic calculus sequence. Topics include: vector functions and motion in space; functions of two or more variables and their partial derivatives; and applications of partial derivatives (including Lagrange multipliers), quadratic surfaces, multiple integration (including Jacobian), line integrals, Green's Theorem, vector fields, surface integrals and Stokes' Theorem.
Prerequisite(s): MATH 146 or MATH 126 or MATH 132.

MATH 237. Introduction to Linear Algebra. 3 sem. hrs.
Fundamentals of linear algebra and matrix theory are covered. Topics include vectors in Euclidean spaces, solving systems of linear equations, matrix algebra, inverses, determinants, eigenvalues, and eigenvectors. Also vector spaces and the basic notions of span, subspace, linear independence, basis, dimension, linear transformation, kernel and range are considered. Use of linear algebra software is introduced. Theory plays a significant role in this course - both in lectures and tests.
Prerequisite(s): MATH 126 or MATH 146.

MATH 238. Applid Diff Equations I. 3 sem. hrs.
Introduction to analytic and numerical methods for solving differential equations. Topics include numerical methods and qualitative behavior of first order equations, analytic techniques for separable and linear equations, applications to population models and motion problems; techniques for solving higher order linear differential equations with constant coefficients (including undetermined coefficients, reduction of order, and variation of parameters); applications to physical models; the Laplace transform (including initial value problems with discontinuous forcing functions). Use of mathematics software is an integral part of the course.
Prerequisite(s): MATH 126 or MATH 146
Prerequisite(s) with concurrency: MATH 227 or MATH 247.

MATH 247. Honors Calculus III. 4 sem. hrs.
Honors sections of MATH 227.
Prerequisite(s): MATH 126 or MATH 132 or MATH 146.

MATH 300. Intro Numerical Analysis. 3 sem. hrs.
Credit will not be granted for both MATH 300 and MATH 411. A beginning course in numerical analysis. Topics include number representation in various bases, error analysis, location of roots of equations, numerical integration, interpolation and numerical differentiation, systems of linear equations, approximations by spline functions, and approximation methods for first-order ordinary differential equations and for systems of such equations.
Prerequisite(s): MATH 227 or MATH 247; and CS 100 or CS 104 or CS 150 or AEM 249 or ECE 285 or CBH 101.

MATH 301. Discrete Mathematics. 3 sem. hrs.
An introductory course that primarily covers logic, recursion, induction, modeling, algorithmic thinking, counting techniques, combinatorics, and graph theory. Writing proficiency within this discipline is required for a passing grade in this course.
Prerequisite(s): MATH 125 or MATH 145.

MATH 302. Topics in Discrete Mathematics. 1 sem. hr.
A supplemental course in discrete mathematics covering select topics of interest in computer science. Topics include graphs and trees, finite state automata and regular expressions, efficiency of algorithms.
Prerequisite(s): MATH 301.

MATH 343. Appl Diff Equations II. 3 sem. hrs.
Continuation of MATH 238. Topics include series solutions of differential equations, the method of Frobenius, Fourier series, method of separation of variables for partial differential equations, elementary boundary value problems for the Laplace, heat and wave equations, an introduction to Sturm-Liouville boundary value problems, and stability of autonomous systems. Usually offered in the spring semester.
Prerequisite(s): MATH 238.

MATH 355. Theory Of Probability. 3 sem. hrs.
The foundations of the theory of probability, laws governing random phenomena and their practical applications in other fields. Topics include: probability spaces; properties of probability set functions; conditional probability; and an introduction to combinatorics, discrete random variables, expectation of discrete random variables, Chebyshev's Inequality, continuous variables and their distribution functions, and special densities.
Prerequisite(s): MATH 227 or MATH 247.

MATH 371. Advanced Linear Algebra. 3 sem. hrs.
Topics include inner product spaces, norms, self adjoint and normal operators, orthogonal and unitary operators, orthogonal projections and the spectral theorem, bilinear and quadratic forms, generalized eigenvectors, and Jordan canonical form.
Prerequisite(s): MATH 237.
MATH 382. Advanced Calculus. 3 sem. hrs.
Further study of calculus with emphasis on theory. Topics include limits and continuity of functions of several variables; partial derivatives; transformations and mappings; vector functions and fields; vector differential operators; the derivative of a function of several variables as a linear transformation; Jacobians; change of variables in multiple integrals; line and surface integrals; and Green’s, Stokes’, and Divergence Theorems.
Prerequisites: MATH 227 or MATH 247; and MATH 237.

MATH 402. History Of Mathematics. 3 sem. hrs.
Survey of the development of some of the central ideas of modern mathematics, with emphasis on the cultural context. Writing proficiency within this discipline is required for a passing grade in this course.

MATH 403. Adv Math Connections & Devlpmn. 3 sem. hrs.
Explore the interconnections between the algebraic, analytic, and geometric areas of mathematics with a focus on properties of various number systems, importance of functions, and the relationship of algebraic structures to solving analytic equations. This exploration will also include the development and sequential nature of each of these branches of mathematics and how it relates to the various levels within the algebra mathematics curriculum.
Prerequisites: MATH 237 and MATH 301
Prerequisite(s) with concurrency: MATH 470 or MATH 486.

MATH 404. Topics Math Secondary Teachers. 1 sem. hr.
This is a seminar style course focusing on various mathematical topics related to the high school curriculum. Topics will vary depending upon instructor.
Prerequisite(s): MATH 301.

MATH 405. Geometry For Teachers. 3 sem. hrs.
This course will give an overview of geometry from a modern point of view. Both axiomatic and analytic approaches to geometry will be used. The construction of geometric proofs will play an important role.
Prerequisite(s): MATH 125 MATH 403 or department’s permission.

MATH 410. Numerical Linear Algebra. 3 sem. hrs.
Further study of matrix theory, emphasizing computational aspects. Topics include direct solution of linear systems, analysis of errors in numerical methods for solving linear systems, least-squares problems, orthogonal and unitary transformations, eigenvalues and eigenvectors, and singular value decomposition.
Prerequisite(s): MATH 237 or MATH 257.

Credit will not be granted for both MATH 411 and MATH 300. A rigorous introduction to numerical methods, formal definition of algorithms, and error analysis and their implementation on a digital computer. Topics include interpolation, roots, linear equations, integration and differential equations, and orthogonal function approximation.
Prerequisite(s): MATH 237 or MATH 257; and MATH 238; and CS 150 or GES 126.

MATH 419.. 3 sem. hrs.
A one-semester introduction to both linear and nonlinear programming for undergraduate students and non-math graduate students. Emphasis is on basic concepts and algorithms and the mathematical ideas behind them. Major topics in linear programming include the simplex method, duality, sensitivity, and network problems; major topics in nonlinear programming include optimality conditions, several search algorithms for unconstrained problems, and a brief discussion of constrained problems. In-depth theoretical development and analysis are not included.
Prerequisite(s): MATH 237 or MATH 257.

MATH 420. Linear Optimization Theory. 3 sem. hrs.
In-depth theoretical development and analysis of linear programming. Topics include formulation of linear programs, various simplex methods, duality, sensitivity analysis, transportation and networks and various geometric concepts.
Prerequisite(s): MATH 237 or MATH 257.

MATH 421. Non-Linear Optimization Theory. 3 sem. hrs.
In-depth theoretical development and analysis of non linear programming with emphasis on traditional constrained and unconstrained non linear programming methods and an introduction to modern search algorithms.
Prerequisite(s): MATH 237 or MATH 257.

MATH 422. Mathematics For Finance I. 3 sem. hrs.
Topics include the basic no-arbitrage principle, binomial model, time value of money, money market, risky assets such as stocks, portfolio management, forward and future contracts, and interest rates.
Prerequisite(s): MATH 227 or MATH 247 and MATH 355.

MATH 432. Graph Theory & Applctns. 3 sem. hrs.
Survey of several of the main ideas of general theory with applications to network theory. Topics include oriented and nonoriented linear graphs, spanning trees, branching and connectivity, accessibility, planar graphs, networks and flows, matching, and applications.
Prerequisite(s): MATH 237 or MATH 257.
MATH 495. Seminar Directed Reading. 1-3 sem. hr.  
Offered as needed.

MATH 499. Undergraduate Research Experience. 1-3 sem. hr.  
Independent or collaborative research experience in mathematics.

Modern Greek (MDGR) Courses

MDGR 101. Elementary Modern Greek. 3 sem. hrs.  
Contemporary modern Greek speaking, reading and writing. Course involves mixed self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs or computer files). Students have practice sessions three hours per week with a language trainer who is a native/near-native (or superior) speaker of the language. Native speakers of this language cannot take this course. Any students with background knowledge of this language must see the CLC director before registering. Not repeatable without permission of the CLC director. Offered each semester.

MDGR 102. Elementary Modern Greek. 3 sem. hrs.  
Contemporary modern Greek speaking, reading and writing. Course involves mixed self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs or computer files). Students have practice sessions three hours per week with a language trainer who is a native/near-native (or superior) speaker of the language. Not repeatable without permission of the CLC director. Offered each semester.

MDGR 201. Intermed Modern Gr. 3 sem. hrs.  
Continuation of modern Greek on the intermediate level. Emphasis is on the development of reading skills and writing proficiency. Not repeatable without permission of the CLC director. Offered according to demand. 
Prerequisite(s): MDGR 102.

MDGR 202. Intermed Modern Greek. 3 sem. hrs.  
Continuation of MDGR 201. Emphasis is on the development of reading skills and writing proficiency. Not repeatable without permission of the CLC director. Offered according to demand. 
Prerequisite(s): MDGR 102.

Modern Languages and Classics (MLC) Courses

MLC 155. Freshman Seminar. 3 sem. hrs.

Music Academics (MUS) Courses

MUS 115. Theory I. 4 sem. hrs.  
Study of the foundations of musical materials through analysis, writing, sight-singing, dictation, and keyboard skills. Offered in the fall semester.

MUS 117. Theory II. 4 sem. hrs.  
Study of the melodic and harmonic materials of the 18th and early 19th centuries through analysis, writing, sight-singing, dictation, and keyboard skills. Offered in the spring semester. 
Prerequisite(s): MUS 115 with the grade of C- or better.

MUS 121. Intro To Listening. 3 sem. hrs.  
Credit earned in this course may not be applied to a major program in the School of Music. The course presupposes no musical training on the student’s part. Emphasis is on what to listen for in music.

MUS 150. SONGWRITING TECHNIQUES AND ANALYSES. 3 sem. hrs.  
Lyrical and musical components of songs will be analyzed and compared with songwriting literature and performed on musical instruments or voice. 
Prerequisite(s): None.

MUS 155. Discover Your Inspiration. 3 sem. hrs.  
Imagine if you could turn on creativity like a car: rev the engine, cruise in the fast lane and park it until you need it again. Creativity really means perspiration x inspiration. You are not born with it; you have to cultivate it. This course will give you the tools to see all the possibilities around you as you begin your studies at the University of Alabama.

MUS 161. Oboe Reedmaking. 1 sem. hr.  
Independent laboratory instruction in oboe reedmaking. Up to four semesters of MUS 161 may be counted toward the degree.

MUS 164. Chamber Choir. 1 sem. hr.  
Applied ensemble for singers at the freshman level.

MUS 180. Intro Music Therapy. 2 sem. hrs.  
Study of music as a human behavior and of music’s use with the handicapped and those suffering from behavioral disorders. 
Prerequisite(s): MUS 115 
Prerequisite(s) with concurrency: MUS 115.

MUS 182. Obsrv Orient Mu Therapy. 2 sem. hrs.  
Study of the functions of the music therapist with emphasis on the use of music in a therapeutic environment. 
Prerequisite(s): MUS 180.

Study of musical materials and forms from the early to mid-19th century. Analysis, writing, sight-singing, dictation, and keyboard skills appropriate to the musical materials studied. Offered in the fall semester. 
Prerequisite(s): MUS 117 with grade of C- or better.

MUS 217. Theory IV. 4 sem. hrs.  
Study of musical materials and forms from the mid- to late 19th century. Analysis, writing, sight-singing, dictation, and keyboard skills appropriate to the musical materials studied. Offered in the spring semester. 
Prerequisite(s): MUS 215 with grade of C- or better.

MUS 219. Composition I. 2 sem. hrs.  
Basic techniques of musical composition.

MUS 220. Composition II. 2 sem. hrs.  
A continuation of Composition I. Basic techniques of musical composition.

MUS 228. Jazz Piano Jazz Theory I. 1 sem. hr.  
Introduction to theoretic principles of jazz and application on the piano, including definition and applications of chords and scales, progressions, chord substitution principles. Offered in the fall semesters of even-numbered years.

MUS 229. Jazz Piano And Theory II. 1 sem. hr.  
Continuation of MUS 228. Focus on modes, synthetic scales, altered extensions, and other extended techniques of the jazz idiom. Offered in the spring semesters of odd-numbered years.

MUS 230. Improvisation I. 1 sem. hr.  
Theoretical and applied study of the tonal and rhythmic elements used in developing improvisational skills in jazz, rock, and pop media. Offered in the fall semesters of odd-numbered years.

MUS 231. Improvisation II. 1 sem. hr.  
Continuation of MUS 230. Designed to develop advanced improvisational skills in the jazz idiom. Offered in the spring semesters of even-numbered years.

MUS 240. Piano Pedagogy. 2 sem. hrs.  
Study of teaching principles, methods, and materials; includes microteaching and observation. Offered in alternate spring semesters.

MUS 241. Organ Pedagogy. 2 sem. hrs.  
This course investigates materials, methods and techniques for teaching the beginning organ student.

MUS 244. String Pedagogy. 2 sem. hrs.  
Materials and methods for teaching string players in the early grades (both studio and class instruction). Offered according to demand.

MUS 250. Music In World Cultures. 3 sem. hrs.  
Study of music in non-Western traditions (Africa, India, Japan, Indonesia, etc.).

MUS 251. Music History I. 3 sem. hrs.  
History of music from the ancient Greeks through the end of the 17th century, with emphasis on critical analysis of musical, historical, and cultural contexts. Offered in the fall semester. 
Prerequisite(s): MUS 250 (passing with a D- or better) MUS 117 (passing with a C- or better).

MUS 252. Music History II. 3 sem. hrs.  
History of music in the 18th and early 19th centuries, with emphasis on critical analysis of musical, historical, and cultural contexts. Offered in the spring semester. 
Prerequisite(s): MUS 251.

MUS 254. Diction For Singers I. 3 sem. hrs.  
Introduction to the International Phonetic Alphabet; study and practice of Italian and English diction. Offered in alternate years.

MUS 255. Diction For Singers II. 3 sem. hrs.  
Study and practice of German and French diction. Offered in alternate years.

MUS 280. Music Therapy Skills Repertoire. 2 sem. hrs.  
The course emphasizes command of the wealth of folk, popular, and recreational music of the main segments of American culture, as well as polished singing and accompanying skills needed for competent performance. 
Prerequisite(s): MUS 182 and MUA 220.
MUS 281. Music Recreation Techniques. 2 sem. hrs.
This course introduces students to basic materials and methods used to engage people in leisure music activities, including singing, instrument playing, improvisation, and music listening. A large part of the course consists of learning to play and use music instruments and developing music repertoire. Students learn to lead basic activities in class and apply them in community settings with young children and senior adults.
Prerequisite(s): MUS 280 with a grade of C- or better. Corequisite: MUS 282.

MUS 282. Music Therapy Practicum. 1 sem. hr.
Application of skills gained in MUS 281.
Prerequisite(s): MUA 220 and MUS 182 Corequisite: MUS 281.

MUS 300. Intro Music Theory Research. 2 sem. hrs.
An introduction to scholarly research for students who plan academic careers as musical theorists.
Prerequisite(s): Permission of the Instructor.

A course in the practicality/functionality of music improvisation, including philosophical aspects of improvisation in all the arts and the relationship to other non-arts related disciplines.

MUS 303. 16th Cent Counterpoint. 3 sem. hrs.
Practical study, through analysis and composition, of vocal polyphony as developed in the 16th century. Offered in the spring semester of odd numbered years.
Prerequisite(s): MUS 117.

MUS 304. 18th Cent Counterpoint. 3 sem. hrs.
The 18th-century style of counterpoint as developed by Bach. Offered in the fall semester.
Prerequisite(s): MUS 215.

MUS 307. Form And Analysis. 3 sem. hrs.
Complete survey of the forms of composition, beginning with phrase and period and covering large forms such as rondo, sonata, concerto, and fugue. Writing proficiency within this discipline is required for a passing grade in this course. Offered in the spring semester.
Prerequisite(s): MUS 217.

MUS 310. Arranging. 3 sem. hrs.
Basic jazz arranging techniques for small ensembles. Offered in the fall semester.

MUS 312. Intermediate Arranging. 3 sem. hrs.
Continuation of MUS 310 (Arranging). Emphasis on writing for the big band and mixed media instrumentation, focusing on extended arranging techniques. Offered in the spring semester.

MUS 315. Mus Management Activity. 2 sem. hrs.
Practical consideration of all aspects of concert production and administration for musicians and music business people.

MUS 316. Careers In Music. 2 sem. hrs.
Exploration of careers in concert and commercial music for musicians and others. Offered spring semester.

MUS 319. Composition III. 3 sem. hrs.
Projects in musical composition.

MUS 320. Composition IV. 3 sem. hrs.
Projects in musical composition.

MUS 323. Music History III. 3 sem. hrs.
History of music in the 19th and 20th centuries, with emphasis on critical analysis of musical, historical, and cultural contexts. Writing proficiency within this discipline is required for a passing grade in this course. Offered in the fall semester.
Prerequisite(s): MUS 252.

The course will provide information designed to challenge (student’s) concepts of change, leadership and creativity. Concepts which are 21rst century necessities. Practical steps of implementation in these 3 areas will be offered through mini-internships in the SOM . In particular through activities involving the SOM Concert Hall, Recital Hall, Music Services, The TSO, the modern applied studio, Arts Council and the Alys Stephens Center. Students will learn how to work with others; focus on the underbelly of performance; value the necessary stream of activity needed for a successful production. Such “productions” may include developing an idea, running a meeting, producing an event or a concert, write/speak about music and the arts.

MUS 325. Orchestration I. 3 sem. hrs.
Basic instrumentation and writing for ensembles and orchestra. Offered in the fall semester of even-numbered years.
Prerequisite(s): MUS 215.

MUS 326. Arts Venues Management. 2 sem. hrs.
Through course readings, lectures, guest presentations, and hands-on experience students will learn the roles and operations of arts and music venues. This class is a combination of practical work and classroom lectures. The class will be held at several local venues, the primary one being the Tuscaloosa Amphitheater. Other venues include Tuscaloosa River Market, Mildred Westervelt Warner Transportation Museum, Bama Theatre and UA venues.
Prerequisite(s): Junior status or permission of instructor.

MUS 327. Studies Special Literat. 3 sem. hrs.
Thorough study of topics not included in the curriculum. Offered according to demand.

MUS 331. Jazz Symposium. 3 sem. hrs.

MUS 332. Experimental Music. 3 sem. hrs.
This course will introduce you to a variety of theories and practices of musical experimentalism in a global context. We will begin defining what experimental music is - what is the impulse that drives some artists to push outside the realms of their traditions, or even outside what is normally called music? Rather than limiting our view to experimentalism in Western art music, as has largely been the case in surveys of this subject, we will also listen to and study experiments in jazz, rock, hip hop, reggae and other global musics to put the experimentalist aesthetic in a broad historical and cultural context. In addition to critical reading, discussion and listening we will perform experimental music compositions to encourage a “hands-on” engagement with the subject. Writing proficiency is required for a passing grade in this course.

MUS 333. Service Playing. 3 sem. hrs.

MUS 334. Service Playing. 3 sem. hrs.

MUS 335. Accompanying Class. 2 sem. hrs.
Survey of accompanying techniques and of the standard repertoire in the vocal, string, and wind areas. Experience is gained through assigned projects and/or assigned studio accompanying. Offered in the spring semester of even-numbered years.

MUS 340. Intro Recording Techniq. 3 sem. hrs.
Exploration of the basics of the art of sound recording. Emphasis on the mixing console, microphone placement, effects, recording basic tracks, and mixdown.

MUS 344. String Pedagogy. 2 sem. hrs.

MUS 351. Fund Of Conducting. 2 sem. hrs.
Introduction to the basic techniques of conducting with emphasis on the understanding and control of music materials. Offered in the fall semester.

MUS 364. Chamber Choir. 1 sem. hr.
Applied ensemble for singers at the junior level.

MUS 365. Legal Issues in the Arts. 3 sem. hrs.
This course will explore a broad range of legal topics pertinent to the arts, including: copyright, trademark, contracts, management of employees, union issues, advertising and 501 (c)(3) non-profit status.
Prerequisite(s): MUS 115 and MUS 117.

MUS 380. Intro Psychology Music. 3 sem. hrs.
Basic study of acoustics, the ear and hearing, and the psychosociophysiological processes involved in musical behavior.
Prerequisite(s): MUS 281 and MUA 199.

MUS 382. Music Therapy Practicum. 1 sem. hr.
Supervised music therapy experience in local facilities.

MUS 401. Film Scoring I. 3 sem. hrs.
A study of the art of scoring music for films. Emphasis will be placed on the short jingle and the technical aspects of film scoring. Offered in the fall semester.

MUS 402. Film Scoring II. 3 sem. hrs.
Continuation of MUS 401. Emphasis will be placed on writing the extended film score by analysis of psychological impact, orchestral techniques, etc. Offered in the spring semester.

MUS 403. Advanced Counterpoint. 3 sem. hrs.
The writing of fugue, variation, ground-bass, and canon. Offered in the SPRING semesters of EVEN-numbered years.
Prerequisite(s): MUS 304 or permission of the instructor.

MUS 405. Studio Tech Arrang Orchs. 3 sem. hrs.
Continued development of arranging and orchestrating techniques in both jazz and commercial settings, with an emphasis on the studio orchestra, MIDI instrumentation, and vocal groups.

MUS 406. Keyboard Techniques. 2 sem. hrs.
Applied survey of figured bass, choral open-score reading, transposition, and harmonization. Offered in the fall semesters of odd-numbered years.
MUS 407. Marketing the Arts. 2 sem. hrs.
Marketing the Arts will provide students with a general overview of communications including public relations, advertising, marketing and new media. Through readings, discussions, quizzes, an examination and a final group presentation students will develop an understanding of marketing practices involved in promoting an arts organization. Emphasis will be on not-for-profit organizations, community theatres and symphony orchestras.

MUS 412. Digit Syn Of Elec Mus. 3 sem. hrs.
Instruction in the design and utilization of sound-generating computer programs. Offered in the fall semester of even-numbered years.

Utilization of digital synthesizers and advanced studio techniques. Offered in the spring semesters of even-numbered years.

MUS 418. Structural Analysis II. 3 sem. hrs.
Study of pitch structure in tonal compositions as revealed by Heinrich Schenker and his followers. Offered in the fall semesters of odd-numbered years. Prerequisite(s): MUS 307 or permission of the instructor.

MUS 419. Composition V. 3 sem. hrs.
MUS 420. Composition VI. 3 sem. hrs.

MUS 426. Analysis 20th Cent Music. 3 sem. hrs.
Survey of a variety of technical approaches to composition in the 20th century and such organizing techniques as harmony, voice leading, textural design, form, and orchestration. Offered in the fall semesters. Prerequisite(s): MUS 304, MUS 307, or permission of instructor.

MUS 427. Studies In Special Lit. 3 sem. hrs.
Thorough study of topics not included in the curriculum. Offered according to demand.

MUS 431. Organ Design. 2 sem. hrs.
This course is a study of the basic components of pipe organ design and construction, with a consideration of some of the aesthetic, tonal, and physical aspects of organ installations in a church, home, or concert hall.

MUS 433. Proseminar Symphonic Lit. 3 sem. hrs.
Lecture and class reports analyzing selected masterworks from the symphony, symphonic poem, and concert overture repertoire.

MUS 444. Vocal Pedagogy. 2 sem. hrs.
Introduction to the concepts, methods, and materials essential to effective teaching of the singing voice. Offered in alternate years.

MUS 447. Teaching Choral Music Publ Sch. 3 sem. hrs.
The scope, organization, and administration of choral programs in public schools. Includes analysis of teaching techniques and materials appropriate to specific levels of development. Offered in the fall semester.

MUS 448. Tching Instrumental Music Pub S. 3 sem. hrs.
Problems encountered in the development of instrumental programs in public schools; analysis of beginning method books for heterogeneous and homogeneous groups; and development of a course of study to guide the new teacher. Offered in the fall semester.

MUS 461. History/Literature Jazz. 3 sem. hrs.
History of the development of jazz to the present, from its African roots to its American florescence. Particular attention is paid to early styles and forms.

MUS 471. Lit Of The Piano. 2 sem. hrs.
Survey of the important solo repertoire from Bach through Schubert. Examination of the development of keyboard technique from the time of the harpsichord through the time of the early piano. Offered in the fall semesters of even-numbered years.

MUS 472. Lit Of The Piano. 2 sem. hrs.
Survey of the important solo repertoire from the early Romantic era through the present. Examination of the development of piano technique from Chopin and Liszt through Cage and Crumb. Offered in the spring semesters of odd-numbered years.

MUS 473. String Literature. 2 sem. hrs.
Study of the standard repertoire for bowed instruments, from the Baroque period to the present.

MUS 474. Song Literature. 3 sem. hrs.
Survey of the performance criteria and historical significance of the solo song literature of the United States, the British Isles, Germany, Austria, France, and Italy. Performance and class participation are required. Offered in alternate years.

MUS 475. Song Literature. 3 sem. hrs.
Survey of a variety of technical approaches to composition in the 20th century and such organizing techniques as harmony, voice leading, textural design, form, and orchestration. Offered in the fall semesters.

MUS 477. Organ Literature. 2 sem. hrs.
Survey of Organ Literature and Advanced Survey of Organ Literature is a course available to upper class organ majors and graduate students, as well as others with the permission of the instructor. MUS477/577 is a survey of organ literature from the 14th century into the 18th century.

MUS 478. Organ Literature. 2 sem. hrs.
Continuation of MUS 477. Offered in spring of odd numbered years.

Study of diagnostic categories, standard clinical techniques, and applications in music therapy. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): MUS 380.

MUS 481. Music Therapy II. 3 sem. hrs.
Study of etiology, literature, and uses of music in treatment. Prerequisite(s): MUS 480.

MUS 482. Music In Therapy III. 3 sem. hrs.
Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): MUS 481.

MUS 487. Sem Prof Pract Mu Therp. 2 sem. hrs.
Study of clinical administration, supervision, ethics, and professional behavior.

MUS 488. Comp Exam Music Therapy. 0 sem. hrs.

MUS 489. Music Therapy Internship. 6 sem. hrs.

MUS 490. Raising Money Dev Arts. 2 sem. hrs.
Theories and techniques of securing funds for nonprofit organizations, including donor cultivation and grant preparation. Offered in the fall semester.

MUS 492. Choral Conducting. 2 sem. hrs.
Continuation of MUS 351 with emphasis on the problem of the choral ensemble. A study of rehearsal technique, vocal problems, diction, score analysis, style, and choral literature. Offered in the spring semester.

MUS 494. Band Conducting. 2 sem. hrs.
Continuation of MUS 351 with emphasis on the problem of the wind ensemble. A study of baton technique, score reading, rehearsal procedure, and band literature. Offered in the spring semester.

MUS 496. Music Administration Internship. 3-6 sem. hrs.
A minimum of one semester of internship with the following recommended host organizations: (1) a performing arts organization, (2) a community, state, or regional arts council, (3) a performing arts venue, (4) a musical festival or (5) a reputable recording studio. The internship must have the approval of and will be under the supervision of the Music Administration Coordinator.

MUS 497. Senior Project. 1 sem. hr.
Required of all BA students in music (music and music administration): A substantial paper on a topic approved by the faculty advisor and completed in consultation with the advisor and examined by a faculty committee. In administration: a supervised practicum arranged through the advisor.

MUS 498. Comp Exam Music Therapy. 0 sem. hrs.

MUA 100. Class Voice Beginning. 1 sem. hr.

MUA 101. Music Convocation. 0 sem. hrs.

MUA 121. Class Piano I. 1 sem. hr.

MUA 122. Class Piano II. 1 sem. hr.

MUA 123. Class Piano III. 1 sem. hr.

MUA 124. Class Piano IV. 1 sem. hr.

MUA 129. Guitar (Non-Majors). 0.5-1 sem. hrs.

MUA 130. Harp (Non-Majors). 0.5-1 sem. hrs.

MUA 131. Piano (Non-Majors). 0.5-1 sem. hrs.

MUA 132. Organ (Non-Majors). 0.5-1 sem. hrs.

MUA 133. Harpsichord (Non-Majors). 0.5-1 sem. hrs.

MUA 134. Voice (Non-Majors). 0.5-1 sem. hrs.

MUA 135. Violin (Non-Majors). 0.5-1 sem. hrs.

MUA 136. Viola (Non-Majors). 0.5-1 sem. hrs.

MUA 137. Cello (Non-Majors). 0.5-1 sem. hrs.

MUA 138. String Bass (Non-Majors). 0.5-1 sem. hrs.

MUA 139. Flute (Non-Majors). 0.5-1 sem. hrs.

MUA 140. Oboe (Non-Majors). 0.5-1 sem. hrs.
MUA 141. Bassoon (Non-Majors). 0.5-1 sem. hrs.
MUA 142. Clarinet (Non-Majors). 0.5-1 sem. hrs.
MUA 143. Saxophone (Non-Majors). 0.5-1 sem. hrs.
MUA 144. Trumpet (Non-Majors). 0.5-1 sem. hrs.
MUA 145. French Horn (Non-Majors). 0.5-1 sem. hrs.
MUA 146. Trombone (Non-Majors). 0.5-1 sem. hrs.
MUA 147. Euphonium (Non-Majors). 0.5-1 sem. hrs.
MUA 148. Tuba (Non-Majors). 0.5-1 sem. hrs.
MUA 149. Percussion (Non-Majors). 0.5-1 sem. hrs.
MUA 150. Symphony Orchestra. 0-1 sem. hrs.
Applied Ensemble at the undergraduate level.
MUA 151. Alabama Brass Choir. 0-1 sem. hrs.
Applied ensemble for brass musicians. Permission of instructor is required.
MUA 152. Wind Ensemble. 0-1 sem. hrs.
Applied Ensemble at the undergraduate level.
MUA 153. Marching Band. 1 sem. hr.
Applied Ensemble at the undergraduate level.
MUA 154. Symphonic Band. 0-1 sem. hrs.
Applied Ensemble at the undergraduate level.
MUA 155. Trombone Choir. 0-1 sem. hrs.
Applied ensemble for trombone students at the freshmen level.
MUA 156. Percussion Ensemble. 0-1 sem. hrs.
Applied Ensemble at the undergraduate level.
MUA 157. Campus Band. 0-1 sem. hrs.
Applied ensemble at the freshmen level.
MUA 158. Contemp Music Ensemble. 0-1 sem. hrs.
Applied Ensemble at the undergraduate level.
MUA 159. Jazz Ensembles. 0-1 sem. hrs.
Applied Ensemble at the undergraduate level.
MUA 160. Opera Workshop. 0-1 sem. hrs.
Applied Ensemble at the undergraduate level.
MUA 161. Opera Production. 0-1 sem. hrs.
Applied Ensemble at the undergraduate level.
MUA 162. University Chorus. 0-1 sem. hrs.
Applied Ensemble at the undergraduate level.
MUA 163. University Singers. 0-1 sem. hrs.
Applied Ensemble at the undergraduate level.
MUA 164. Piano Ensemble I. 0-1 sem. hrs.
Applied Ensemble at the undergraduate level.
MUA 165. Piano Ensemble II. 0-1 sem. hrs.
Applied Ensemble at the undergraduate level.
MUA 166. Jazz Combo. 0-1 sem. hrs.
Applied Ensemble at the undergraduate level.
MUA 168. Alabama Women's Chorale. 0-1 sem. hrs.
Applied Ensemble at the undergraduate level.
MUA 169. Chamber Music. 0-1 sem. hrs.
Applied Ensemble at the undergraduate level.
MUA 170. Harp (Majors). 1-4 sem. hr.
MUA 171. Piano (Majors). 1-4 sem. hr.
MUA 172. Organ (Majors). 1-4 sem. hr.
MUA 174. Voice (Majors). 0.5-4 sem. hrs.
Voice study at the freshman and sophomore levels for music majors.
MUA 175. Violin (Majors). 1-4 sem. hr.
MUA 176. Viola (Majors). 1-4 sem. hr.
MUA 177. Cello (Majors). 1-4 sem. hr.
MUA 178. String Bass (Majors). 1-4 sem. hr.
MUA 179. Flute (Majors). 1-4 sem. hr.
MUA 180. Oboe (Majors). 1-4 sem. hr.
MUA 181. Bassoon (Majors). 1-4 sem. hr.
MUA 182. Clarinet (Majors). 1-4 sem. hr.
MUA 183. Saxophone (Majors). 1-4 sem. hr.
MUA 184. Trumpet (Majors). 1-4 sem. hr.
MUA 185. French Horn (Majors). 1-4 sem. hr.
MUA 186. Trombone (Majors). 1-4 sem. hr.
MUA 187. Euphonium (Majors). 1-4 sem. hr.
MUA 188. Tuba (Majors). 1-4 sem. hr.
MUA 189. Percussion (Majors). 1-4 sem. hr.
MUA 190. Guitar (Majors). 1-4 sem. hr.
MUA 191. Practicum Applied Music. 0-3 sem. hrs.
This course is an extension of Marching Band activities in the Fall semesters for the Spring semesters.
MUA 199. Sophomore Qualifying. 0 sem. hrs.
MUA 200. Class Guitar. 1 sem. hr.
Prerequisite(s): MUS 115.
MUA 229 . 0.5-1 sem. hrs.
Applied guitar lessons as a secondary instrument for music majors only.
MUA 231. Piano (Secondary). 0.5-1 sem. hrs.
Applied piano lessons as a secondary instrument for music majors only.
MUA 232. Organ (Secondary). 0.5-1 sem. hrs.
Applied lessons for music students majoring in another discipline.
MUA 233. Harpsichord (Secondary). 0.5-1 sem. hrs.
Applied lessons for music students majoring in another discipline.
MUA 234. Voice (Secondary). 0.5-1 sem. hrs.
Applied lessons for music students majoring in another discipline.
MUA 235. Violin (Secondary). 0.5-1 sem. hrs.
Applied Lessons for music majors of another discipline.
MUA 236. Viola (Secondary). 0.5-1 sem. hrs.
Applied Lessons for music majors of another discipline.
MUA 237. Cello (Secondary). 0.5-1 sem. hrs.
Applied Lessons for music majors of another discipline.
MUA 238. String Bass (Secondary). 0.5-1 sem. hrs.
Applied Lessons for music majors of another discipline.
MUA 239. Flute (Secondary). 0.5-1 sem. hrs.
Applied Lessons for music majors of another discipline.
MUA 240. Oboe (Secondary). 0.5-1 sem. hrs.
Applied Lessons for music majors of another discipline.
MUA 241. Bassoon (Secondary). 0.5-1 sem. hrs.
Applied Lessons for music majors of another discipline.
MUA 242. Clarinet (Secondary). 0.5-1 sem. hrs.
Applied Lessons for music majors of another discipline.
MUA 243. Saxophone (Secondary). 0.5-1 sem. hrs.
Applied Lessons for music majors of another discipline.
MUA 244. Trumpet (Secondary). 0.5-1 sem. hrs.
Applied Lessons for music majors of another discipline.
MUA 245. French Horn (Secondary). 0.5-1 sem. hrs.
Applied Lessons for music majors of another discipline.
MUA 246. Trombone (Secondary). 0.5-1 sem. hrs.
Applied Lessons for music majors of another discipline.
MUA 247. Euphonium (Secondary). 0.5-1 sem. hrs.
Applied Lessons for music majors of another discipline.
MUA 248. Tuba (Secondary). 0.5-1 sem. hrs.
Applied Lessons for music majors of another discipline.
MUA 249. Percussion (Secondary). 0.5-1 sem. hrs.
Applied Lessons for music majors of another discipline.
MUA 250. Symphony Orchestra. 0-1 sem. hrs.
Sophomore level ensemble.
MUA 251. Alabama Brass Choir. 0-1 sem. hrs.
Applied ensemble for brass musicians. Permission of instructor is required.
MUA 252. Wind Ensemble. 0-1 sem. hrs.
Sophomore level ensemble.
MUA 253. Marching Band. 1 sem. hr.
Sophomore level ensemble.
Prerequisite(s): We are simply changing this from variable hours to 1. Thank you.
MUA 254. Symphonic Band. 0-1 sem. hrs.
 Sophomore level ensemble.
MUA 255. Trombone Choir. 0-1 sem. hrs.
Applied ensemble for trombone students at the sophomore level.
MUA 256. Percussion Ensemble. 0-1 sem. hrs.
Sophomore level ensemble.

MUA 257. Campus Band. 0-1 sem. hrs.
Applied Ensemble at the sophomore level.

MUA 258. Contemporary Ensemble. 0-1 sem. hrs.
Applied ensemble focusing on music of the 20 and 21st centuries.

MUA 259. Jazz Ensemble. 0-1 sem. hrs.
Sophomore level ensemble.

MUA 260. Opera Workshop. 0-1 sem. hrs.
Sophomore level ensemble.

MUA 261. Opera Production. 0-1 sem. hrs.
Sophomore level ensemble.

MUA 262. University Chorus. 0-1 sem. hrs.
Sophomore level ensemble.

MUA 263. University Singers. 1 sem. hr.
Sophomore level ensemble.

MUA 264. Chamber Choir. 0-1 sem. hrs.
Applied ensemble for singers at the sophomore level.

MUA 266. Piano Ensemble. 0-1 sem. hrs.
Applied ensemble at the sophomore level for keyboard majors.

MUA 267. Jazz Combo. 0-1 sem. hrs.
Sophomore level ensemble.

MUA 269. Chamber Music. 0-1 sem. hrs.
Sophomore level small ensemble.

MUA 270. Harp (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 271. Piano (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 272. Organ (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 273. Harpsichord (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 274. Voice (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 275. Violin (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 276. Viola (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 277. Cello (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 278. String Bass (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 279. Flute (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 280. Oboe (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 281. Bassoon (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 282. Clarinet (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 283. Saxophone (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 284. Trumpet (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 285. French Horn (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 286. Trombone (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 287. Euphonium (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 288. Tuba (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 289. Percussion (Majors). 1-4 sem. hr.
Applied lessons for music majors at the sophomore level.

MUA 290. Guitar (Majors). 1-4 sem. hr.
Applied study at the sophomore level for music majors.

MUA 299. Piano Proficiency. 0 sem. hrs.

MUA 331. Piano II (Secondary). 0.5-1 sem. hrs.
Secondary applied piano study for music education students in the third and fourth semester of piano.
Prerequisite(s): MUA 231.

MUA 334. Voice II (Secondary). 0.5-1 sem. hrs.
Secondary applied voice for music majors in the third and fourth semesters of taking the course.
Prerequisite(s): MUA 234.

MUA 350. Symphony Orchestra. 0-1 sem. hrs.
Applied ensemble at the junior level.

MUA 351. Alabama Brass Choir. 0-1 sem. hrs.
Applied ensemble for brass musicians. Permission of instructor is required.

MUA 352. Wind Ensemble. 0-1 sem. hrs.
Applied Ensemble at the junior level.

MUA 353. Marching Band. 1 sem. hr.
Marching Band at the junior level.
Prerequisite(s): We are simply changing this from variable hours to 1. Thank you.

MUA 354. Symphonic Band. 0-1 sem. hrs.
Applied Ensemble at the junior level.

MUA 355. Trombone Choir. 0-1 sem. hrs.
Applied ensemble for trombone students at the junior level.

MUA 356. Percussion Ensemble. 0-1 sem. hrs.
Applied Ensemble at the junior level.

MUA 357. Campus Band. 0-1 sem. hrs.
Applied ensemble at the Junior level.

MUA 358. Contemp Music Ensemble. 0-1 sem. hrs.
Applied Ensemble at the junior level.

MUA 359. Jazz Ensembles. 0-1 sem. hrs.
Applied ensemble at the junior level.

MUA 360. Opera Workshop. 0-1 sem. hrs.
Applied ensemble at the junior level.

MUA 361. Opera Production. 0-1 sem. hrs.
Applied ensemble at the junior level.

MUA 362. University Chorus. 0-1 sem. hrs.
Applied Ensemble at the junior level.

MUA 363. University Singers. 0-1 sem. hrs.
Applied Ensemble at the junior level.

MUA 366. Piano Ensemble. 0-1 sem. hrs.
Applied ensemble at the junior level for keyboard majors.

MUA 367. Jazz Combo. 0-1 sem. hrs.
Applied ensemble at the junior level.

MUA 369. Chamber Music. 0-1 sem. hrs.
Applied ensemble in a small chamber group.

MUA 370. Harp (Majors). 0.5-4 sem. hrs.

MUA 371. Piano (Majors). 0.5-4 sem. hrs.

MUA 372. Organ (Majors). 1-4 sem. hr.
Applied organ study at the junior level.

MUA 374. Voice (Majors). 0.5-4 sem. hrs.

MUA 375. Violin (Majors). 0.5-4 sem. hrs.

MUA 376. Viola (Majors). 0.5-4 sem. hrs.

MUA 377. Cello (Majors). 0.5-4 sem. hrs.

MUA 378. String Bass (Majors). 0.5-4 sem. hrs.

MUA 379. Flute (Majors). 0.5-4 sem. hrs.

MUA 380. Oboe (Majors). 0.5-4 sem. hrs.

MUA 381. Bassoon (Majors). 0.5-4 sem. hrs.

MUA 382. Clarinet (Majors). 0.5-4 sem. hrs.

MUA 383. Saxophone (Majors). 0.5-4 sem. hrs.

MUA 384. Trumpet (Majors). 0.5-4 sem. hrs.

MUA 385. French Horn (Majors). 0.5-4 sem. hrs.

MUA 386. Trombone (Majors). 0.5-4 sem. hrs.
MUA 387. Euphonium (Majors). 0.5-4 sem. hrs.
MUA 388. Tuba (Majors). 0.5-4 sem. hrs.
MUA 389. Percussion (Majors). 0.5-4 sem. hrs.
MUA 390. Guitar (Majors). 0.5-4 sem. hrs.
MUA 391. Practicum Applied Music. 0-3 sem. hrs.
This course serves as an extension of Marching Band Activities from the fall semester, into the Spring semester for upper class men.
MUA 399. Junior Recital. 1 sem. hr.
MUA 450. Symphony Orchestra. 0-1 sem. hrs.
Senior level ensemble.
Applied ensemble for brass musicians. Permission of instructor is required.
MUA 452. Wind Ensemble. 0-1 sem. hrs.
Senior level ensemble.
MUA 453. Marching Band. 1 sem. hr.
Senior level ensemble.
Prerequisite(s): We are simply changing this from variable hours to 1. Thank you.
MUA 454. Symphonic Band. 0-1 sem. hrs.
Senior level ensemble.
MUA 455. Trombone Choir. 0-1 sem. hrs.
Applied ensemble for trombone students at the Senior level.
MUA 456. Percussion Ensemble. 0-1 sem. hrs.
Senior level ensemble.
MUA 457. Campus Band. 0-1 sem. hrs.
Applied ensemble at the Senior level.
MUA 458. Contemporary Ensemble. 0-1 sem. hrs.
Applied ensemble at the senior level focusing on music of the 20th and 21st centuries.
MUA 459. Jazz Ensemble. 0-1 sem. hrs.
Senior level ensemble.
MUA 460. Opera Workshop. 0-1 sem. hrs.
Senior level ensemble.
MUA 461. Opera Production. 0-1 sem. hrs.
Senior level ensemble.
MUA 462. University Chorus. 0-1 sem. hrs.
Senior level ensemble.
MUA 463. University Singers. 0-1 sem. hrs.
Senior level ensemble.
MUA 464. Chamber Choir. 0-1 sem. hrs.
Applied ensemble for singer at the senior level.
MUA 466. Piano Ensemble. 0-1 sem. hrs.
Applied ensemble at the senior level for keyboard majors.
MUA 467. Jazz Combo. 0-1 sem. hrs.
Senior level ensemble.
MUA 469. Chamber Music. 0-1 sem. hrs.
Senior level small ensemble.
MUA 471. Piano (Majors). 0.5-4 sem. hrs.
Senior level applied piano study for music majors.
Prerequisite(s): MUA 371.
MUA 472. Organ (Majors). 1-4 sem. hr.
Senior level applied organ study for music majors.
Prerequisite(s): MUA 372.
MUA 473. Harpsichord (Majors). 0.5-4 sem. hrs.
Senior level applied harpsichord study for music majors.
MUA 474. Voice (Majors). 0.5-4 sem. hrs.
Senior level applied voice study for music majors.
Prerequisite(s): MUA 374.
MUA 475. Violin (Majors). 0.5-4 sem. hrs.
Senior level applied violin study for music majors.
Prerequisite(s): MUA 375.
MUA 476. Viola (Majors). 0.5-4 sem. hrs.
Senior level applied viola study for music majors.
Prerequisite(s): MUA 376.
MUA 477. Cello (Majors). 0.5-4 sem. hrs.
Senior level applied cello study for music majors.
Prerequisite(s): MUA 377.
MUA 478. String Bass (Majors). 0.5-4 sem. hrs.
Senior level applied string bass study for music majors.
Prerequisite(s): MUA 378.
MUA 479. Flute (Majors). 0.5-4 sem. hrs.
Senior level applied fluted study for music majors.
Prerequisite(s): MUA 379.
MUA 480. Oboe (Majors). 0.5-4 sem. hrs.
Senior level applied oboe study for music majors.
Prerequisite(s): MUA 380.
MUA 481. Bassoon (Majors). 0.5-4 sem. hrs.
Senior level applied bassoon study for music majors.
Prerequisite(s): MUA 381.
MUA 482. Clarinet (Majors). 0.5-4 sem. hrs.
Senior level applied clarinet study for music majors.
Prerequisite(s): MUA 382.
MUA 483. Saxophone (Majors). 0.5-4 sem. hrs.
Senior level applied saxophone study for music majors.
Prerequisite(s): MUA 383.
MUA 484. Trumpet (Majors). 0.5-4 sem. hrs.
Senior level applied trumpet study for music majors.
Prerequisite(s): MUA 384.
MUA 485. French Horn (Majors). 0.5-4 sem. hrs.
Senior level applied french horn study for music majors.
Prerequisite(s): MUA 385.
MUA 486. Trombone (Majors). 0.5-4 sem. hrs.
Senior level applied trombone study for music majors.
Prerequisite(s): MUA 386.
MUA 487. Euphonium (Majors). 0.5-4 sem. hrs.
Senior level applied euphonium study for music majors.
Prerequisite(s): MUA 387.
MUA 488. Tuba (Majors). 0.5-4 sem. hrs.
Senior level applied tuba study for music majors.
Prerequisite(s): MUA 388.
MUA 489. Percussion (Majors). 0.5-4 sem. hrs.
Senior level applied percussion study for music majors.
Prerequisite(s): MUA 389.
MUA 490. Guitar (Majors). 1-4 sem. hr.
Senior level of applied guitar study for music majors.
Prerequisite(s): MUA 390.
MUA 499. Senior Recital. 1 sem. hr.

New College (NEW) Courses

NEW 100. Intro Interdisc Integratv Stdy. 1-2 sem. hr.
Designed to help New College students become more informed about the University and about New College so that they may maximize their opportunities in their undergraduate programs through New College. Enrollment is limited to New College students.
NEW 120. Inclusive Leadership Through Sustained Dialogue. 1 sem. hr.
In an increasingly globalized world, leaders need the skills to resolve conflict across difference. Sustained Dialogue is a five-stage dialogue-to-action model that requires participants to take the time to focus first on transforming change-blocking relationships, and then on solving problems. This course will explore the theory behind this innovative model and ultimately consider how Sustained Dialogue applies to visions for positive change at the University of Alabama. Participants will receive an introduction to the Sustained Dialogue model and then meet in dialogue groups weekly to work through the 5 stages to address specific issues on campus.
Prerequisite(s): NONE.
NEW 201. Recreation For Life. 1 sem. hr.
In this course (designed by the student and his or her advisor using the out-of-class learning contract), the student agrees to participate in some form of physical activity that might result in a lifelong interest. These include jogging, swimming, cycling, etc. This course will frequently include a reading requirement relating to the activity.
NEW 211. Perspectives in the Humanities. 4 sem. hrs.
Introductory course in the humanities (art, literature, music, etc.) with a focus on problem solving, risk taking and communication. Human behavior and writing skills are stressed.
NEW 212. Creativity, 4 sem. hrs.
This interdisciplinary seminar uses creativity as an organizing principle. Human culture and consciousness are explored through reading, writing, the arts, projects, studios, and discussion.
NEW 213. Honors Creativity. 4 sem. hrs.
This honors interdisciplinary seminar uses creativity as an organizing principle. Human culture and consciousness are explored through reading, writing, the arts, projects, studios, and discussion.
Prerequisite(s): None
NEW 215. Perspec. on Env. Literature. 4 sem. hrs.
Considers perspectives on environmental studies within the humanities by examining key texts of environmental literature.
NEW 222. Academic Potential. 2 sem. hrs.
This course is designed to assist students in developing practical study strategies and attitudinal elements of college success. Topics of primary focus include self-assessment, motivation, personal responsibility, time management, memory, textbook reading, note taking, test preparation, and exam taking. Open to all students.
NEW 223. McNair Scholar’S Seminar. 1 sem. hr.
To provide knowledge and skills in a variety of areas to strengthen personal, academic, and research competencies vital to success in graduate programs.
NEW 226. Organic Farming. 4 sem. hrs.
An intensive, hands-on course in organic farming taught at a local working farm. Covers the basics of organic farming while also addressing questions about organic versus industrial agriculture models in relation to current environmental problems and solutions.
NEW 230. Environmental Studies. 4 sem. hrs.
This course engages students in the study of environmental problems and solutions. It includes an examination of fundamental assumptions about the ethical-human nature relation and of how to value nature. The approach is interdisciplinary, drawing on the humanities, social sciences, and natural sciences.
NEW 237. Cooperation & Conflict. 4 sem. hrs.
This seminar explores cooperation and conflict in human societies; all that we do or fail to do in living together effectively. Students investigate and seek solutions for contemporary social problems.
NEW 238. Honors: Coop. & Conflict. 4 sem. hrs.
This honors seminar explores cooperation and conflict in human societies – all that we do or fail to do in living together effectively. Students investigate and seek solutions for contemporary social problems.
NEW 243. Interdisciplinary Sciences. 4 sem. hrs.
This seminar demonstrates how the nature of the laboratory experience plays an essential role in the understanding and advancement of science. Several multidisciplinary experiments are performed in geology, chemistry, physics, and biology.
NEW 270. Leader Soc Justice Activism. 3 sem. hrs.
NEW 273. Social Issues & Ethics. 4 sem. hrs.
This seminar is designed to develop an awareness of the methodologies and concerns of the social sciences as they relate to ethical inquiry. The primary focus is on the nature of inquiry and models for the analysis of ethical issues confronting the modern world. Students will explore the complexity of moral dilemmas and effective societal responses to competing moral obligations in the areas of health care, socio-economic disparities, affirmative action, immigration, and racism.
NEW 300. Outdoor Leadership. 3 sem. hrs.
The goal of this course is to prepare students to successfully and safely plan and lead small group excursions into wilderness, backcountry, and front-country outdoor areas using various outdoor recreational activities as a medium. There will also be an emphasis placed on teaching technique and presentation skills as students will be required to present information to the class.
Prerequisite(s): none
NEW 310. Independent Study. 1-15 sem. hr.
A student desiring to pursue an academic interest for which no University class is available may plan his or her own "course" through Out-of-Class Learning. A contract, or agreement, with New College is prepared by the student, in which the student identifies a variety of features of the proposed study: its goals and objectives, the methodology and resources to be employed in the attempt to meet the goals and objectives, and the procedure by which the study will be evaluated upon its completion. The process of preparing the contract should be in cooperation with the New College office, from which contract forms may be procured, and with a faculty member or other authority qualified to assist and assess the study. Credit hours awarded for Out-of-Class Learning are available, relative to the breadth or depth of the study, and subject to approval of the advisor to the study and director of the New College.
NEW 311. Independent Study. 1-12 sem. hr.
A student desiring to pursue an academic interest for which no University class is available may plan his or her own "course" through Out-of-Class Learning. A contract, or agreement, with New College is prepared by the student, in which the student identifies a variety of features of the proposed study: its goals and objectives, the methodology and resources to be employed in the attempt to meet the goals and objectives, and the procedure by which the study will be evaluated upon its completion. The process of preparing the contract should be in cooperation with the New College office, from which contract forms may be procured, and with a faculty member or other authority qualified to assist and assess the study. Credit hours awarded for Out-of-Class Learning are available, relative to the breadth or depth of the study, and subject to approval of the advisor to the study and director of the New College.
NEW 312. Independent Study. 1-12 sem. hr.
A student desiring to pursue an academic interest for which no University class is available may plan his or her own "course" through Out-of-Class Learning. A contract, or agreement, with New College is prepared by the student, in which the student identifies a variety of features of the proposed study: its goals and objectives, the methodology and resources to be employed in the attempt to meet the goals and objectives, and the procedure by which the study will be evaluated upon its completion. The process of preparing the contract should be in cooperation with the New College office, from which contract forms may be procured, and with a faculty member or other authority qualified to assist and assess the study. Credit hours awarded for Out-of-Class Learning are available, relative to the breadth or depth of the study, and subject to approval of the advisor to the study and director of the New College.
NEW 313. Independent Study. 1-12 sem. hr.
A student desiring to pursue an academic interest for which no University class is available may plan his or her own "course" through Out-of-Class Learning. A contract, or agreement, with New College is prepared by the student, in which the student identifies a variety of features of the proposed study: its goals and objectives, the methodology and resources to be employed in the attempt to meet the goals and objectives, and the procedure by which the study will be evaluated upon its completion. The process of preparing the contract should be in cooperation with the New College office, from which contract forms may be procured, and with a faculty member or other authority qualified to assist and assess the study. Credit hours awarded for Out-of-Class Learning are available, relative to the breadth or depth of the study, and subject to approval of the advisor to the study and director of the New College.
NEW 314. Independent Study. 1-12 sem. hr.
A student desiring to pursue an academic interest for which no University class is available may plan his or her own "course" through Out-of-Class Learning. A contract, or agreement, with New College is prepared by the student, in which the student identifies a variety of features of the proposed study: its goals and objectives, the methodology and resources to be employed in the attempt to meet the goals and objectives, and the procedure by which the study will be evaluated upon its completion. The process of preparing the contract should be in cooperation with the New College office, from which contract forms may be procured, and with a faculty member or other authority qualified to assist and assess the study. Credit hours awarded for Out-of-Class Learning are available, relative to the breadth or depth of the study, and subject to approval of the advisor to the study and director of the New College.
NEW 315. Independent Study. 1-12 sem. hr.
A student desiring to pursue an academic interest for which no University class is available may plan his or her own "course" through Out-of-Class Learning. A contract, or agreement, with New College is prepared by the student, in which the student identifies a variety of features of the proposed study: its goals and objectives, the methodology and resources to be employed in the attempt to meet the goals and objectives, and the procedure by which the study will be evaluated upon its completion. The process of preparing the contract should be in cooperation with the New College office, from which contract forms may be procured, and with a faculty member or other authority qualified to assist and assess the study. Credit hours awarded for Out-of-Class Learning are available, relative to the breadth or depth of the study, and subject to approval of the advisor to the study and director of the New College.
NEW 316. Independent Study. 1-12 sem. hr.
A student desiring to pursue an academic interest for which no University class is available may plan his or her own "course" through Out-of-Class Learning. A contract, or agreement, with New College is prepared by the student, in which the student identifies a variety of features of the proposed study: its goals and objectives, the methodology and resources to be employed in the attempt to meet the goals and objectives, and the procedure by which the study will be evaluated upon its completion. The process of preparing the contract should be in cooperation with the New College office, from which contract forms may be procured, and with a faculty member or other authority qualified to assist and assess the study. Credit hours awarded for Out-of-Class Learning are available, relative to the breadth or depth of the study, and subject to approval of the advisor to the study and director of the New College.

NEW 317. Independent Study. 1-12 sem. hr.
A student desiring to pursue an academic interest for which no University class is available may plan his or her own "course" through Out-of-Class Learning. A contract, or agreement, with New College is prepared by the student, in which the student identifies a variety of features of the proposed study: its goals and objectives, the methodology and resources to be employed in the attempt to meet the goals and objectives, and the procedure by which the study will be evaluated upon its completion. The process of preparing the contract should be in cooperation with the New College office, from which contract forms may be procured, and with a faculty member or other authority qualified to assist and assess the study. Credit hours awarded for Out-of-Class Learning are available, relative to the breadth or depth of the study, and subject to approval of the advisor to the study and director of the New College.

NEW 318. Independent Study. 1-12 sem. hr.
A student desiring to pursue an academic interest for which no University class is available may plan his or her own "course" through Out-of-Class Learning. A contract, or agreement, with New College is prepared by the student, in which the student identifies a variety of features of the proposed study: its goals and objectives, the methodology and resources to be employed in the attempt to meet the goals and objectives, and the procedure by which the study will be evaluated upon its completion. The process of preparing the contract should be in cooperation with the New College office, from which contract forms may be procured, and with a faculty member or other authority qualified to assist and assess the study. Credit hours awarded for Out-of-Class Learning are available, relative to the breadth or depth of the study, and subject to approval of the advisor to the study and director of the New College.

NEW 319. Independent Study. 1-12 sem. hr.
A student desiring to pursue an academic interest for which no University class is available may plan his or her own "course" through Out-of-Class Learning. A contract, or agreement, with New College is prepared by the student, in which the student identifies a variety of features of the proposed study: its goals and objectives, the methodology and resources to be employed in the attempt to meet the goals and objectives, and the procedure by which the study will be evaluated upon its completion. The process of preparing the contract should be in cooperation with the New College office, from which contract forms may be procured, and with a faculty member or other authority qualified to assist and assess the study. Credit hours awarded for Out-of-Class Learning are available, relative to the breadth or depth of the study, and subject to approval of the advisor to the study and director of the New College.

NEW 320. Independent Study. 1-12 sem. hr.
A student desiring to pursue an academic interest for which no University class is available may plan his or her own "course" through Out-of-Class Learning. A contract, or agreement, with New College is prepared by the student, in which the student identifies a variety of features of the proposed study: its goals and objectives, the methodology and resources to be employed in the attempt to meet the goals and objectives, and the procedure by which the study will be evaluated upon its completion. The process of preparing the contract should be in cooperation with the New College office, from which contract forms may be procured, and with a faculty member or other authority qualified to assist and assess the study. Credit hours awarded for Out-of-Class Learning are available, relative to the breadth or depth of the study, and subject to approval of the advisor to the study and director of the New College.

NEW 321. Independent Study. 1-12 sem. hr.
A student desiring to pursue an academic interest for which no University class is available may plan his or her own "course" through Out-of-Class Learning. A contract, or agreement, with New College is prepared by the student, in which the student identifies a variety of features of the proposed study: its goals and objectives, the methodology and resources to be employed in the attempt to meet the goals and objectives, and the procedure by which the study will be evaluated upon its completion. The process of preparing the contract should be in cooperation with the New College office, from which contract forms may be procured, and with a faculty member or other authority qualified to assist and assess the study. Credit hours awarded for Out-of-Class Learning are available, relative to the breadth or depth of the study, and subject to approval of the advisor to the study and director of the New College.

NEW 322. Independent Study. 1-12 sem. hr.
A student desiring to pursue an academic interest for which no University class is available may plan his or her own "course" through Out-of-Class Learning. A contract, or agreement, with New College is prepared by the student, in which the student identifies a variety of features of the proposed study: its goals and objectives, the methodology and resources to be employed in the attempt to meet the goals and objectives, and the procedure by which the study will be evaluated upon its completion. The process of preparing the contract should be in cooperation with the New College office, from which contract forms may be procured, and with a faculty member or other authority qualified to assist and assess the study. Credit hours awarded for Out-of-Class Learning are available, relative to the breadth or depth of the study, and subject to approval of the advisor to the study and director of the New College.

NEW 323. Experimental Music. 3 sem. hrs.
This course will introduce you to a variety of theories and practices of musical experimentalism in a global context. We'll begin by defining what experimental music is – what is the impulse that drives some artists to push outside the realms of their traditions, or even outside what is normally called music? Rather than limiting our view to experimentalism in Western art music, as has largely been the case in surveys of this subject, we will also listen to and study experiments in jazz, rock, hip hop, reggae and other global musics to put the experimentalist aesthetic in a broad historical and cultural context. In addition to critical reading, discussion and listening we will perform experimental music compositions to encourage a "hands-on" engagement with the subject. Writing proficiency is required for a passing grade in this course.
Prerequisite(s): N/A.

NEW 333. CIEL Internship. 9-15 sem. hrs.
This course serves as the course students register for as part of the exchange program with the Consortium for Innovative Environment in Learning. Students pay tuition to UA but actually study as a full-time student at one of the 12 CIEL sister institutions.

NEW 334. Everyday Forestry in Alabama. 3 sem. hrs.
This course will prepare students to understand natural resource practices to better manage one's woodlands in a rural or urban situation. This course is for any student interested in basic forestry management techniques and should serve future home and land owners, individuals interested in conservation issues, and as an introduction to a broader field for students with professional interest in forestry or environmental studies. This course will discuss basic forest management concepts in order to improve the woodland's habitat according to the objectives of a landowner. Students will learn how to identify all major tree species in Alabama as well as all major forest insects and diseases. Other topics that will be discussed will include compass and pacing, forest site evaluation, timber estimation, topographic map interpretation, and invasive woodland species. This course does not presuppose any previous knowledge and no prerequisite is required. Much of this course will include "hands-on" outdoor field trips.
Prerequisite(s): None.

NEW 335. Everyday Wildlife In Alabama. 3 sem. hrs.
The goal for this course is to prepare students to understand creative uses of managing wildlife species according to management objectives. This course is intended for any student interested in basic wildlife management techniques and should serve future home and land owners, individuals interested in conservation issues, and as an introduction to a broader field for students with professional interest in environmental studies or natural resources. This course does not presuppose any previous knowledge and no prerequisite is required.
Prerequisite(s): none.
NEW 337. Designing and Maintaining a Sustainable Home Landscape. 3 sem. hrs.
The purpose of this course is to prepare and encourage students to incorporate the principles of sustainability and the ethics of permaculture into their home or apartment landscape. This course is intended for any student interested in learning the basics of sustainable gardening, water management, pest management, and the use of native plants to provide a backyard habitat for birds and wildlife. No prerequisite is required.
Prerequisite(s): none.

This workshop provides students with practical experience in writing and publishing a special interest publication, the New College Review. Students gain experience in thematic approaches to a publication, concept formation for an audience, socially responsible publishing, and writing and editing persuasive essays. Students are strongly encouraged to take both NEW 338 and NEW 339 in sequence.

This workshop provides students with practical experience in writing and publishing a special interest publication, the New College Review. Students edit, design, and distribute the New College Review. Students are strongly encouraged to take both NEW 338 and NEW 339 in sequence.

NEW 342. Social Action and Performance. 3 sem. hrs.
Social Action and Performance is open to all students. The course uses an interdisciplinary approach to the world of theatrical performance and explores the works of Augusto Boal and Theatre of the Oppressed as a mechanism for social change. The course will train students to educate their peers through performance about interpersonal violence and contemporary issues of multiculturalism on campus. Students will use improvisation, participatory activities, readings, and assessments to engage in social action. Students are encouraged to participate in self-exploration with respect to the issues mentioned above as part of their trainings with these techniques. Students who participate in this course will become official members of the theatre troupe called Unscripted.
Prerequisite(s): (EN 101 and EN 102) or EN 103.

NEW 360. Sound Studies. 3 sem. hrs.
How do we experience, define, use and abuse sound? What elements of a sound determine their meaning to us, and why? What can we learn about the world by focusing on its sounds? An emerging interdisciplinary field of research, sound studies asks these questions and more, in an attempt to uncover the important role of sound in our lives. Why do shopping malls sound like they do? What do cellphone ringtones tell you about a person? How has the changing soundscape of the ocean affected natural processes and wildlife? Why do clocktower bells ring? How is music used to both soothe, entertain, and torture or control people? This interdisciplinary course explores sound in a variety of current and historical global contexts—of which music is only one small part—examining the many ways sound signifies and defines our cultures and histories.
Prerequisite(s): N/A.

Did you know you can make electronic music with credit cards? Old toys? 30-cent circuit boards? This course will teach you to build your own electronic orchestra from scratch while also exploring the history of electronic music, with a special focus on tinkering experimenters that created electronic music using self-made instruments. Through a combination of theory and practice, you will learn about electronic music’s pioneers, recreating some of their early experiments to experience this history with your own hands and ears. We will explore the construction of a variety of simple electronic instruments, learn to play them, and perform a concert at the end of the term. No previous musical or technical experience is required, but there will be a significant amount of hands-on work with tools and wires in addition to the usual course load of reading, writing and discussion, so an interest in working with technology is a must. Each day of the course we will discuss the work of historical figures in electronic music followed by a laboratory period of hands-on exploration and creation. You are required to write 10 500-word essays articulating your response to the course materials. Writing proficiency within this discipline is required for a passing grade in this course.
Prerequisite(s): N/A.

NEW 365. Introduction to Environmental Policy. 3 sem. hrs.
This introductory environmental policy course reviews major developments in environmental regulation in the United States, considered in a global context. Readings examine the evolution of U.S. environmental policy, the form and function of social institutions used to govern human-environment interactions, including markets, state and civil society, and conventions, norms, and morals. U.S. and U.N. legal structures, agencies, and NGOs are addressed, with attention to comparative regulatory frameworks. The “new institutional approach,” “resource regimes,” and various incremental and transformative institutional reforms are discussed. The impact of economic and cultural factors—including class, race, gender, and location—on resource use and other policy decisions affecting the physical and built environments will be explored. Evolving institutional approaches to energy use, such as sustainability, “wise use,” adaptive management, and resilience are examined. This course is cross-listed with PSC 365.
Prerequisite(s): No prerequisites.

NEW 401. Birds and Birding. 4 sem. hrs.
This course will introduce students to the popular hobby of birding or bird watching. As such, basic field identification methods will be reviewed and practiced. We will also discuss larger conservation issues as they relate to birds. As we will learn, the phrase “canary in a coal mine” has very practical implication for the modern terrestrial world. We will also discuss the cultural connection between people and birds, and what that has meant for both the destruction and conservation of birds during the past couple of centuries.

NEW 407. 407 W: Landscapes of the South. 3 sem. hrs.
A study of environmental and cultural landscapes of the American South, as altered and used by successive waves of native peoples, explorers, immigrants, laborers, industrialists, and urban builders, addressing historical and contemporary environmental challenges.

NEW 410. Writing Culture: Ethnography in Theory & Practice. 3 sem. hrs.
What does it mean to write about a culture? What can we discover about our environment by talking to people and listening to their stories? How do we learn enough to express something of their essence through words on a page? This course will engage with these and other issues surrounding the act of ethnography (the writing and interpretation of people’s lives and cultural practices) through a combination of theoretical and practical approaches. Students interested in anthropology, journalism, sociology, storytelling, cultural criticism, filmmaking, folklore, the arts, social work and oral history will learn useful skills and gain practical experience that can be applied to their own work. We will read critical theory that discusses the role and craft of ethnography. We will examine a range of existing research on a number of global topics that use a variety of disciplinary approaches. Finally, as a research team, we will pursue self-designed research projects to begin the first stage of an “ethnographic map” of our region of Alabama, to learn new things about the world in our backyard and produce a website to share our findings. Interested students should be aware that the second half of the class will likely involve a significant amount of individual or group research in place of traditional course meeting times.
Prerequisite(s): N/A.

NEW 412. Songwriting Workshop. 4 sem. hrs.
Songcraft: songwriting workshop focuses on how songs are made. After a study of various genres (blues, troubadours, popular) students will produce their own songs. Writing proficiency within this discipline is required for a passing grade in this course.

NEW 413. Mythologies. 4 sem. hrs.
This course in comparative mythology introduces students to mythological systems from a variety of cultures, including preclassical, Greek, American Indian, Oriental, African, and contemporary American. Recurring motifs and current theories on the mythologizing process are analyzed.

NEW 415. Gender, Sexuality & Pop Culture. 3 sem. hrs.
What constitutes “femininity” and “masculinity” in 21st century America? How have gender roles changed? Is gender performance? What are the cultural expectations around sexuality, and how is it influenced and policed in society? Includes professor’s current case research in this field. Writing proficiency within this discipline is required for a passing grade in this course.
NEW 416. American Environmental Thought. 3 sem. hrs.
Popular conceptions of nature hold extraordinary power in shaping our responses and policies toward both the geophysical world and built environments. This interdisciplinary course examines key concepts and controversies in American thought about nature since before colonization. Using accounts from various regions, the course explores evolving conceptions of nature and justice, competing claims about race and class, and changing institutional responses and remedies to environmental degradation in the context of global change. The course is highly interactive, inviting critical thinking about the human place in the physical world. We read and discuss ecological views as presented in colonial writings, slave narratives, Transcendentalist thought, Gilded Age preservationist and conservationist debates, and the work of Progressive Era occupational health specialists and ecologists. We give specific attention to twentieth century social movements for environmental public health, examining contemporary approaches, including eco-feminism, environmental justice, and sustainability. We identify different disciplinary approaches, among them environmental history, ecological anthropology, sociology, and geography, and explore conceptual links between disciplines. A brief introduction to research methods, utilizing qualitative techniques, case studies, and specialized data sources, will be included. Journal articles, law review essays, regulatory documents, court decisions, and films supplement classic texts as we examine race, ethnicity, gender, poverty, and other factors shaping environmental health. Because this course carries a "W" for the Core Curriculum, writing proficiency is required for a passing grade.

NEW 418. Mash-Up: Intermedia Intersections in the Arts. 4 sem. hrs.
This interdisciplinary course discusses intermedia intersections in 20th and 21st century art and music through lectures, discussions and interactions with visiting artists. We will examine the cultural and historical roots of intermedia art, the outpouring of experimentation in the 20th century avant-garde, and the postmodern pastiche of the digital realm in the 21st century. Spanning work created for galleries, to art and music from urban streets and rural villages, we will explore examples from the visual arts, dance, music, film and architecture to learn how and why artists work with and combine different media. In addition to engaging with a variety of artistic works, we will discuss the cultural, philosophical, theoretical, and compositional issues that meet at intermedia junctions. Writing proficiency is required for a passing grade in this course.

NEW 420. Cultural Studies. 3 sem. hrs.
This seminar provides an introduction to the key concepts, methodologies, and practice of Cultural Studies, focusing primarily on issues of cultural consumption, representation, audience, identity, and everyday life.

Interdisciplinary course in ethnographic filmmaking, focusing particularly on analyzing the many dimensions of culture and social experience. Students produce a short documentary film on a story of justice or injustice in Alabama. A two semester course.

NEW 435. Documenting Justice II. 3 sem. hrs.
Interdisciplinary course in ethnographic filmmaking, focusing particularly on analyzing the many dimensions of culture and social experience. Students produce a short documentary film on a story of justice or injustice in Alabama. A two semester course.

NEW 436. Public Leadership. 4 sem. hrs.
This seminar helps students develop the understanding and skills necessary for the practice of public leadership. The course emphasizes framing public issues for discussion and leading the decision making necessary to set the direction of public policy. Writing proficiency within this discipline is required for a passing grade in this course.

NEW 437. Civic Awareness. 4 sem. hrs.
Current events are examined through print and electronic media in order to assist students in evaluating various sources of information concerning public issues and in developing a public philosophy for responsibilities as a citizen.

This interdisciplinary social science course provides an introduction to the cultural and physical ecology of cities, focusing primarily on urbanization in the United States from the late 19th century to the present.

NEW 441. Climate Change Seminar. 4 sem. hrs.
This seminar introduces students to the science of global climate change and examines public perception and coverage of the topic in various news media outlets, films, and books. Writing proficiency within this discipline is required for a passing grade in this course.

NEW 442. Environmental Ethics and Problems. 3 sem. hrs.
This upper level writing intensive seminar explores the ethical dimensions of ecological relationships, with particular attention to conceptions of nature, justice, and environmental health. We will consider classical ethical concepts, such as utilitarianism and natural law theories, and contemporary environmental approaches, including biocentrism, deep ecology, and environmental justice, sustainability. This course will be highly interactive, inviting critical thinking about changing ideas about the human place in the natural world. Examining various case studies, we explore the ethical debates surrounding such topics as populations, genetically altered crops, global climate change, biodiversity, and emerging crises in global environmental public health. Readings also address corporate responsibility, science ethics, and public policy. We will consider the ethics of sustainability from the campus to the transnational level. This course meets a college core writing requirement; a demonstration of writing proficiency is required for a passing grade in this course. The course has New College designations for Environment, Sustainability, and Conservation (ESC) and Social Problems and Social Change (SPSC).

NEW 443. Science & Technology. 4 sem. hrs.
The course teaches scientific concepts (time and laws of thermodynamics, change, measurement, reality, etc.) as they relate to the various sciences (anthropology, mathematics, etc.). The relationship of science and technology to the environment of the Earth's surface is stressed.

NEW 445. Technology and Humans. 3 sem. hrs.
This interdisciplinary seminar provides an introduction to the key debates and questions raised by the increasingly close relationship between humans and advanced technologies. The course will draw on critical works, as well as narrative fiction and popular culture texts, to examine how a dependence on technology might change the very definition of "human" and what subsequent ethical, psychological, and philosophical dilemmas result from this close relationship.

NEW 446. Gender and Environment. 3 sem. hrs.
This course examines histories of concepts of nature and gender, philosophies of eco-feminism, and accounts of gender-based efforts for environmental reform.

NEW 450. Conservation Field Studies in Belize. 4 sem. hrs.
Study Belize's diverse rainforests, coral reefs, and visit Mayan ruins for a glimpse into a past civilization. Belize is unique in that it still contains relatively undisturbed rainforests and the longest barrier reef in the Western Hemisphere. However, while Belize has emerged as an international leader regarding conservation efforts, threats from climate change, poverty, and development still exist. The purpose of this course is 1) examine current conservation efforts to safeguard this biodiversity; 2) familiarize students with the most important aspects of tropical lowland terrestrial and marine ecosystems; 3) understand the role of local culture in sustainable conservation; 4) gain an understanding of the fundamental importance of biodiversity; and 5) expose students to new and unique cultures and environments. The course is designed for students who are interested in conservation issues, biogeography, marine sciences, ornithology and birding, archaeology, and outdoor adventures! The trip will be divided between a rainforest and a marine field station located next to the barrier reef. So we will have easy access to the most diverse environments on the planet.

NEW 472. Social Change. 4 sem. hrs.
This seminar is concerned with the process and analysis of social change. In this seminar, students study the Holocaust, attempting to understand it as an intense and unparalleled human experience. The causes, events, outcomes, and implications are researched through books, films, interviews, tapes, and discussions. Writing proficiency within this discipline is required for a passing grade in this course.

NEW 473. Globalization & Folk Crt Prod. 4 sem. hrs.
This course examines the relationship between the global and the local, using world folk craft (for example, pottery) as a point of focus. The functions of creativity in industrialized and nonindustrialized societies are explored through a combination of reading, research, discussion, and studio experiences. Writing proficiency within this discipline is required for a passing grade in this course.

NEW 474. Survival. 4 sem. hrs.
In this seminar, students study the nature of human and societal survival under extreme conditions. Topics range from issues of a global nature to violent crime, prejudice, and disease. Causes, effects, and possible solutions are all considered. Writing proficiency within this discipline is required for a passing grade in this course.

NEW 490. Special Topics. 3-4 sem. hrs.
The subject matter varies.

NEW 491. Special Topics - Practice. 3-4 sem. hrs.
Subject matter varies. Hands on interdisciplinary learning opportunities.

NEW 495. Capstone Sem & Senior Project. 2 sem. hrs.
14 hours of New College coursework and successful junior year review. New College students only, concluding integrative project.
Philosophy (PHL) Courses

PHL 100. Intro To Philosophy. 3 sem. hrs. Survey of the main topics of philosophy, which may include God, souls, free will, the nature of right and wrong, just government, truth, and knowledge. Offered in the fall and spring semesters.

PHL 104. Critical Thinking. 3 sem. hrs. Introduction to the concepts and methods used to identify, construct, and assess arguments as they appear in editorials, articles, ordinary speech, etc.

PHL 106. Honors Introduction to Deductive Logic. 3 sem. hrs. This course examines some of the formal techniques developed by philosophers and mathematicians to distinguish a good argument from a bad one. It is a self-paced course using both computer-aided learning techniques and one-on-one guidance from the instructor and the teaching assistants. The Honors version of Introduction to Deductive Logic expects mastery of more concepts, tools, and techniques of formal deductive logic than the standard version. Restricted to UA Honors students. Prerequisite(s): MATH 100 or MATH 110 or MATH 112 or MATH 113 or MATH 115 or MATH 121 or MATH 125 or UA Math Placement Test Score of 190 or ACT Math Subscore of 28 or SAT Math Subscore of 690.

PHL 191. Honors Introduction to Philosophy. 3 sem. hrs. Survey of the main topics of philosophy, which may include God, souls, free will, the nature of right and wrong, just government, truth, and knowledge. Restricted to UA Honors students.

PHL 195. Introduction to Deductive Logic. 3 sem. hrs. This is a course in deductive logic. We will focus on some formal tools for evaluating arguments. To make an argument is to offer reasons to believe some claim. More formally, an argument is a pair of things: a set of sentences, the premises; and a sentence, the conclusion. An argument is valid if it meets the following condition: it is necessary that if all its premises are true, its conclusion is true. In this class, you will learn about how to use two symbolic languages to write arguments, how to construct proofs of conclusions, and how to tell when arguments are not valid.

PHL 209. Research in Philosophy. 1-3 sem. hr. This course is an opportunity to do 200-level self-directed study and writing on an approved topic early in a student’s study of philosophy.

PHL 211. Ancient Philosophy. 3 sem. hrs. This course will focus on the major themes of ancient Greek philosophy, from the earliest pre-Socratic philosophers, through Plato and Aristotle, to the later Epicureans, Stoics, and Skeptics. We will proceed chronologically and pay special attention to the systematic connections between metaphysics, epistemology, and ethics in each school of thought, as well as the development of later views in light of criticisms of earlier ones. The aim of this course is to provide students a reasonably comprehensive background in the main areas of Western analytic philosophy through an examination of some of the earliest systematic philosophers.

PHL 212. Early Modern Philosophy. 3 sem. hrs. This course will look at the main figures and intellectual developments of the early Modern period of philosophy. We will proceed chronologically, starting with Descartes’s seminal Meditations on First Philosophy and tracing two very different branches of influence from there to what are often called the Rationalist and Empiricist schools. Other figures of note will be Locke, Leibniz, Berkeley, Hume, and Kant.

PHL 215. American Philosophy. 3 sem. hrs. Relatively few courses are offered on American philosophy, in spite of the fact that the United States has become a worldwide center of philosophy, and is the home of Pragmatism, one of the three major philosophical approaches. This course will be an introduction to American philosophy from the theologian Jonathan Edwards and the political philosophers who had a hand in the founding of America, to classic pragmatists such as Peirce, James and Dewey, and leading 20th century thinkers, such as Quine, Kuhn, Rorty, Putnam and others.

PHL 221. Honors Introduction to Ethics. 3 sem. hrs. This course is designed to give the students a broad introduction to the field of philosophical ethics. The primary aim is to acquaint students with the basic subject matter of ethics as it is studied within philosophy, a few central authorities and positions, and a feel for how philosophers engage with contemporary ethical issues in light of some of the historical influences on the discipline. We will read a variety of texts ranging from historical works on ethics generally to contemporary works focusing on specific moral issues. The hope is that students will develop an understanding and appreciation of how different ethical theories apply to particular cases, and how they might begin to engage in genuine ethical debates. Restricted to UA Honors students.

PHL 223. Medical Ethics. 3 sem. hrs. This class provides an introduction to the philosophical study of applied ethics by way of a discussion of topics related to the practice of medical and biological science. Topics of discussion will include abortion, stem cell research, cloning, the allocation of scarce or limited resources, animal experimentation, and patient autonomy, among others. Along the way, other important topics in moral philosophy will be discussed.

PHL 230. Political Philosophy. 3 sem. hrs. This course serves as an introduction to central debates in political philosophy. The major questions we explore are the following: How can the coercive authority of the government exercises over its citizens be justified? What does justice require in our society today? What role do democracy, freedom, rights and equality play in our understanding of a just society? Through the study of both historical and contemporary texts, we investigate these topics. We also consider how these issues bear upon debates in the contemporary American context concerning the following: restrictions on free speech, participation in the democratic process, the war on drugs, homelessness, education and socioeconomic inequality.

PHL 231. Social Justice in Practice. 1 sem. hr. What does justice require in our society today? With a focus on contemporary social and political issues, we seek to answer this question by looking at different dimensions of justice. We consider how the ideals of democracy, freedom, rights, and equality ought to inform our understanding of a just society. In particular, we focus on how these ideals translate into practice with respect to philosophical debates about immigration, poverty, political participation, and socioeconomic inequality. In addition to learning about these issues in the class-room, students will develop a deeper understanding of social justice through engagement with a community project. The service-learning component of the course involves regular participation in a community program working with disadvantaged and/or marginalized populations.

PHL 234. Social Philosophy. 3 sem. hrs. How should we live together? In this course, we seek to answer this question through moral assessment of the institutional rules and cultural norms that shape our interaction with others and the world around us. We specifically consider issues in the following two categories: I. Markets & Consumption. In the modern-day economy, we grapple with important issues concerning the responsibilities of individual consumers and corporations, what goods may be legitimately bought and sold in a free market, and how economic transactions between nations should be structured to count as fair. II. Violence. One of the features thought to make the state distinctive is that it has a monopoly over the legitimate use of force. Given this power, we will examine the legitimate use of violence by the government. Is the death penalty justified? Is the use of torture permissible under any circumstances? How should it deal with terrorists as opposed to traditional combatants in war?.

PHL 240. Philosophy and the Law. 3 sem. hrs. This class is an introduction to and survey of philosophical issues in the law, focusing on issues in general jurisprudence such as the nature of law and its relation to morality, the grounds of the legitimacy of legal authority, and the sources of legal normativity and validity. There may also be some discussion of issues in specific jurisprudence such as the value of written constitutions and their interpretations, the nature of extent of legal responsibility, and questions about the authority of non-elected judges. At least one prior course in philosophy is strongly recommended.

PHL 241. Philosophical Issues in Criminal Law. 3 sem. hrs. This is a course exploring major issues in the philosophy of criminal law. Topics might include the appropriate justifications for punishment, what kinds of acts are appropriately criminalized, philosophical issues relating to elements of a crime (such as whether an act is required), the problem of attempts and moral luck, affirmative defenses such as justifications and excuses, the use of vague terminology in the elements of a crime and the need for judges or juries to make moral judgments, and relations to the wider morality of law.
PHL 242. Philosophical Issues in Civil Law. 3 sem. hrs.
This is a course exploring major issues in the philosophy of civil law. Civil law is the area of law in which private parties sue each other, generally in order to get compensation for a perceived wrong done by the other party. It includes areas such as tort law (accidents, malpractice, etc.) and contract law. Possible topics to be covered are whether tort law is based on rectification for injustices or economic considerations, the relation of contract law to philosophical issues in promising, and philosophical issues relating to the use of a public process to redress private disputes.

This is a course exploring major issues in the philosophy of constitutional law. Generally constitutional law is concerned with what powers and responsibilities governments have as well as what the limits on those powers might be, including civil rights. In doing so, constitutions guide official determinations of what counts as legally valid within the relevant jurisdiction. Topics might include debates over the proper way to interpret constitutions, whether constitutions must (or should) be written documents, whether they are necessary (or desirable) in a democracy, the relation between principles of legality set forth in constitutions and moral principles (especially the relation between legal rights and moral rights), and the advisability of official bodies tasked with interpreting and applying the constitution such as the Supreme Court.

PHL 256. Philosophy of Sport. 3 sem. hrs.
This course will examine several of the major themes in the burgeoning field of philosophy of sport, paying special attention to a number of important ethical issues. We will look at the nature of sports (and games more generally), sportsmanship and fairness, the role of officials, gender equity, racism, and issues surrounding the use of performance-enhancing drugs. This course is reading intensive. Prior exposure to philosophy is welcome but not required.

PHL 260. Mind and Nature. 3 sem. hrs.
This course is framed around two questions. First, what is the place of the mind in nature? Second, what is the place of nature in the mind? The first question is a form of mind-body problem, which concerns the relationship between mental phenomena such as consciousness and the physical world. The second question is a part of the epistemology, the philosophy of knowledge, and concerns the nature and scope of human knowledge.

PHL 264. Introduction to Metaphysics. 3 sem. hrs.
Topics may include proofs for the existence of God, the nature of reality, free will and determinism, personal identity, and the nature of time.

PHL 281. Introduction to Philosophy of Religion. 3 sem. hrs.
This course is an introduction of such topics in religion as concepts of God and religion, ritual, atheism, the problem of evil, the nature of religious language, traditional proofs of God, the concept of faith, mysticism, the concept of miracle, and the relation between theism and morality.

PHL 286. Introduction to Philosophy of Science. 3 sem. hrs.
Basic issues in philosophy of science, including the following: What distinguishes science from pseudo-science? Is there a scientific method? If so, what is that method? What constitutes a scientific explanation? How are theory and observation related? How do hypotheses get confirmed? And how do values function in science?

PHL 290. Special Topics in Philosophy. 1-3 sem. hr.
This course offers introductory-level study of a special philosophical topic that is not a part of the Department’s regular course offerings.

PHL 291. Aesthetics. 3 sem. hrs.
In this course, we will be introduced to some of the most fundamental concerns about art: What is distinctive, if anything, about the experience of artworks? Why do we identify anything as a work of art? How do we, or should we interpret an artwork? On what grounds can we criticize an artwork?

PHL 292. Introduction to Ethics. 3 sem. hrs.
Introduction to competing views of how one ought to live, designed to promote the development of a reasoned view of one’s own. May include such topics as ethical relativism, the nature of justice and of rights, and the relationship of law and morality.

PHL 305. Symbolic Logic. 3 sem. hrs.
This course aims to improve students’ understanding of the basic concepts of formal logic, particularly the truth-functional and predicate calculi. Students learn convenient methods of formal reasoning, and use them to study some of the basic notions of metalogic. B- or better in PHL 195 or C or better in PHL 106, or Instructor’s permission is required.

PHL 312. Contemporary Philosophy. 3 sem. hrs.
Philosophy in the 20th century. Topics may include linguistic analysis, logical atomism, logical positivism, ordinary language philosophy, existentialism, and phenomenology. Writing proficiency within this discipline is required for a passing grade in this course.

PHL 322. Theories of Justice. 3 sem. hrs.
Advanced study of prominent theories of prominent historical and contemporary theories of justice (for example, those of Plato, Aristotle, Rawls, or Nozick) and the implications of those theories for political problems such as the distribution of health care, affirmative action, or public goods. Writing proficiency within this discipline is required for a passing grade in this course.

PHL 333. Global Justice. 3 sem. hrs.
In an increasingly globalized world, questions of global justice have risen to prominence in contemporary political philosophy. In this course we examine the following issues. Do the demands of justice transcend state borders? Do we have reason to think that different demands of justice apply at the global level than at the state level? How do increased levels of global interdependence bear upon what we owe to foreigners versus to our fellow citizens? Does the global order harm the world’s poor? Are there any universal human rights? If so, how are they justified and who is responsible for upholding them? Drawing on competing contemporary philosophical accounts of justice, we consider different ways of addressing concrete practical issues such as global poverty and inequality, humanitarian intervention, and immigration. You are required to have taken at least two philosophy classes prior to this one, including one at the 200-level or above. If you do not meet this requirement, you must obtain special permission from the instructor. This 3-credit hour course carries a W designation. Writing proficiency within this discipline is required for a passing grade in this course.

PHL 341. Law and Morality. 3 sem. hrs.
This class explores the moral status of legality and the legal status of morality, the status of unjust laws, and the role of moral judgments of lawmakers. Is a good law one that does good? What is the relation between morality and legal validity? Writing proficiency within this discipline is required for a passing grade in this course. Prereq: at least one prior philosophy class with a B or better.

PHL 343. Philosophical Issues in International Law. 3 sem. hrs.
This course explores philosophical issues that arise with respect to the international law. Some of these are conceptual. For instance, what qualifies as ‘international law’ and in virtue of what characteristics? International laws, norms, and rule-mediated practices are different in character from the laws that govern our lives within the state. Who makes international laws, and who enforces them? A host of normative issues arise with respect to international law too. What if anything gives international legal bodies like the United Nations, the International Criminal Court, and the Appellate Body of the World Trade Organization rightful authority over those who are taken to be bound by their rules? In cases of conflict, do the laws of states trump international laws or vice-versa? We will consider some of the ethical issues surrounding international laws, treaties, and conventions concerning some of the following issues: human rights; war, humanitarian intervention and the use of violence more broadly; trade and economic globalization; the environment and the use of natural resources; immigration and refugees; and intellectual property.

PHL 389. Teaching Practicum. 3 sem. hrs.
This number is for students who are receiving course credit for working as TAs for philosophy classes. Ordinarily, students working as TAs for classes are responsible for taking roll, proctoring and grading tests, and, most importantly, providing tutorial assistance to the students. Specific duties might vary depending on the needs of the class.
PHL 360. Philosophy of Mind. 3 sem. hrs.
What is the relationship between the mental and the physical? That is the central question in the philosophy of mind, and we will approach it from different angles. We will focus largely on consciousness and its place in nature. Most readings will be from the contemporary literature but some will be historical. This course offers a W designation, and so writing proficiency within the discipline of philosophy is required for a passing grade in this course. Two philosophy courses or instructor’s permission. PHL 260 Mind and Nature is recommended but not required. Prerequisite(s): Must have taken at least two philosophy courses prior to this course.

This course concerns the nature of meaning and its connection to metaphysics and epistemology. We will study classic works by Gottlob Frege, Bertrand Russell, Saul Kripke, and others. We will also study more recent work in philosophical semantics and its application to arguments in the philosophy of mind. Writing proficiency is required for a passing grade in this course. Must have taken Introduction to Deductive Logic (PHL 195 or PHL 106) and one other philosophy course, or have instructor’s permission. Prerequisite(s): PHL 195 OR PHL 106 and one other PHL course.

PHL 364. Philosophy of Cognitive Science. 3 sem. hrs.
This course addresses some core questions in the philosophy of cognitive science. Topics covered are likely to include: the computational theory of mind, the role of mental representations in cognition, the extended mind hypothesis, and mechanisms of mental state attribution. Writing proficiency is required for a passing grade in this course. Must have taken at least two previous philosophy courses prior to this course. PHL 195 OR PHL 106 and one other philosophy course, or have instructor’s permission. Prerequisite(s): Successful completion of at least 2 PHL courses.

PHL 366. Metaphysics. 3 sem. hrs.
Advanced study of such traditional metaphysical problems as personal identity, the mind-body problem, action theory, free will, universals, the nature of space and time, creation, causation, and purpose. Must have taken at least two philosophy courses prior to this course. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): Successful completion of at least 2 PHL courses.

PHL 370. Epistemology. 3 sem. hrs.
This course surveys issues in the philosophical study of knowledge. Typical questions addressed include: What is the nature of knowledge? What are the limits of what we can know? When is a belief justified? What can science tell us about the nature of knowledge or rational thought? Must have taken Introduction to Deductive Logic (PHL 195 or PHL 106) and one other philosophy course, or have instructor’s permission. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): PHL 195 or PHL 106 and one other philosophy course, or have instructor’s permission.

PHL 381. Philosophy of Religion. 3 sem. hrs.
Advanced study of such topics in religion as concepts of God and religion, ritual, atheism, the problem of evil, the nature of religious language, traditional proofs of God, the concept of faith, mysticism, the concept of miracle, and the relation between theism and morality. At least two previous philosophy courses required. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): Successful completion of at least 2 PHL courses.

PHL 387. Philosophy and Evolution. 3 sem. hrs.
The “Darwinian Revolution” – the acceptance and development of evolutionary theory – is one of the most significant intellectual events in recent human history. It is significant partly because it has changed the way we understand the world, and the processes that operate within it. But it is also significant for the philosophical issues it raises about scientific method, conceptions of human nature, biodiversity, knowledge, ethics and the arts. This course will examine these philosophical issues raised by the Darwinian revolution. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): Successful completion of at least 2 PHL courses.

PHL 390. Special Topics in Philosophy. 1-3 sem. hr.
This course reflects the special topics in philosophy that are not a part of the Department’s regular course offerings. Prerequisite(s): Successful completion of at least two PHL courses.

PHL 391. History of Philosophy. 3 sem. hrs.
Advanced study of a particular philosopher or philosophical movement or problem in the history of philosophy. Must have taken at least two previous philosophy courses or permission of instructor. Prerequisite(s): Successful completion of at least 2 PHL courses.

PHL 392. Special Topics in Philosophy (Writing Intensive). 3 sem. hrs.
With an emphasis on philosophical writing, this seminar offers advanced study of a special philosophical topic that is not a part of the Department’s regular course offerings. Prerequisite(s): Successful completion of at least two PHL courses. PHL 392 may be repeated up to 12 hours. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): Successful completion of two PHL courses.

Advanced study of a particular philosopher or philosophical movement or problem in the history of philosophy. Writing proficiency within this discipline is required for a passing grade in this course. Must have taken at least two previous philosophy courses or permission of instructor. Prerequisite(s): Must have taken at least two previous philosophy courses or permission of instructor.

PHL 409. Research in Philosophy. 1-3 sem. hr.
This course is an opportunity to do self-directed study and writing in an approved topic.

PHL 420. Special Studies in Ethics. 3 sem. hrs.
Advanced study of current topics in ethics, which could include study of a particular moral theory or moral problem. PHL 420 may be repeated up to 6 hours. Prerequisite(s): At least two previous PHL courses, including PHL 292 or PHL 221.

PHL 428. Metaethics. 3 sem. hrs.
In this seminar we will explore issues in contemporary metaethics. Metaethics is concerned with the nature of moral properties, what moral claims mean, and how moral knowledge can be justified. In our everyday lives, we make a number of moral judgments—for instance, that we should not lie to a friend or that it is wrong to steal. Can these moral judgments be factually true, or are they just a matter of opinion? How do we come to know what is right or wrong? These are some of the key questions that will be explored in this course. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): You are required to have taken at least two philosophy classes prior to this one, including one at the 200-level or above; or instructor’s permission.

PHL 440. Seminar on Law. 3 sem. hrs.
This is a course covering a specialized advanced topic in specific jurisprudence. Specific jurisprudence deals with issues relevant to one area of law or legal system. Example topics are issues in criminal punishment, debates over the proper way to interpret the U.S. Constitution, and the dilemmas of privacy law. The Professor will determine the specific topic each semester the course is offered. It requires writing proficiency in philosophy in order to pass and requires students to draft sustained philosophical arguments. Prerequisite(s): B or better in a 200-level course from the jurisprudence list* or instructor’s approval, or an A- or better in any PHL class with a writing designation. *PHL 292 or PHL 221 or PHL 230 or PHL 234 or PHL 240 or PHL 241 or PHL 242 or PHL 243 or PHL 256 Note from professor: a “B-” in the above courses is not sufficient.

PHL 448. Philosophy of Law. 3 sem. hrs.
This is a course covering a specialized advanced topic in general jurisprudence. General jurisprudence deals with issues relevant to law as a whole. Example topics are issues in legal authority, interpretation and rule following, and legal validity. The Professor will determine the specific topic each semester the course is offered. It requires writing proficiency in philosophy in order to pass and requires students to draft sustained philosophical arguments. Prerequisite(s): B or better in a 200-level course from the jurisprudence list* or instructor’s approval, or an A- or better in any PHL class with a writing designation. *PHL 292 or PHL 221 or PHL 230 or PHL 234 or PHL 240 or PHL 241 or PHL 242 or PHL 243 or PHL 256 Note from professor: a “B-” in the above courses is not sufficient.

PHL 455. Philosophy through Documentary. 3 sem. hrs.
This course aims to deepen philosophical understanding primarily through watching and discussing documentary films, supplemented with philosophical readings. The topics covered will vary with the films chosen by the instructor.

PHL 489. Philosophy of Medicine. 3 sem. hrs.
It is difficult to overstate the significance of medicine, in that it affects each of us from birth through death; or the complexity of medicine, in that it involves scientific, conceptual, economic, ethical and philosophical issues. We will here look at three of these issues from a philosophical standpoint: 1) the ways that we conceptualize health and disease; 2) the role of medicine and the ways it articulates scientific model, conceptions of human nature, biology, knowledge, ethics and the arts. This course will examine these philosophical issues raised by the Darwinian revolution. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): Successful completion of at least two PHL courses or permission of instructor.

PHL 490. Special Topics in Philosophy. 1-3 sem. hr.
This course reflects the special topics in philosophy that are not a part of the Department’s regular course offerings. Must have taken at least two previous philosophy courses or permission from instructor required. Prerequisite(s): Successful completion of at least 2 PHL courses.

PHL 492. Special Topics in Philosophy (Writing Intensive). 3 sem. hrs.
With an emphasis on philosophical writing, this advanced seminar offers study of a special philosophical topic that is not a part of the Department’s regular course offerings. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): Successful completion of at least two PHL courses. PHL 492 may be repeated up to 12 hours. Prerequisite(s): Successful completion of at least 2 PHL courses.
Physics (PH) Courses

Lecture and laboratory. An introductory course including classical mechanics and thermodynamics. Degree credit can only be awarded for one of the following: PH 101, PH 105, or PH 125.
Prerequisite(s): MATH 113 or MATH 115 or MATH 125 or MATH 145.

PH 102. General Physics II. 4 sem. hrs.
Lecture and laboratory. An introductory course including electricity and magnetism, optics, and modern physics. Degree credit can only be awarded for one of the following: PH 102, PH 106, or PH 126.
Prerequisite(s): PH 101 or PH 105 or PH 125.

PH 105. General Physics W/Calc I. 4 sem. hrs.
Lecture and laboratory. Introductory calculus-based course in classical mechanics. Degree credit can only be awarded for one of the following: PH 101, PH 105, or PH 125.
Prerequisite(s): MATH 125 or MATH 145.

PH 106. General Physics W/Calc II. 4 sem. hrs.
Lecture and laboratory. Introductory calculus-based course in classical physics, including electricity, magnetism, and optics. Degree credit can only be awarded for one of the following: PH 102, PH 106, or PH 126.
Prerequisite(s): MATH 126 or MATH 146; and PH 101 or PH 105 or PH 125.

PH 111. Intro Physics Seminar. 1 sem. hr.
Lecture series on current topics in Physics. Open to all undergraduates. A broad intro to exciting developments in modern physics at an intro level. Faculty will present recent developments including student suggestions.

PH 115. Des Ph Non-Science Maj. 4 sem. hrs.
Credit earned in this course may not be counted toward fulfillment of the requirements for the major or minor in physics. Credit will not be granted for both PH 101 and PH 115. Three lecture hours and one laboratory period. Demonstration lectures on the chief topics of classical and modern physics. Designed for non-science majors who want an introductory course with no math prerequisites.

PH 125. Honors Gen Ph W/Calculus. 4 sem. hrs.
Lecture, discussion, and laboratory. Introductory calculus-based course in classical mechanics. Degree credit can only be awarded for one of the following: PH 101, PH 105, or PH 125.
Prerequisite(s): MATH 125 or MATH 145.

PH 126. Honors Gen Ph W/Calculus. 4 sem. hrs.
Lecture, discussion, and laboratory. Introductory calculus-based course in classical physics, including electricity, magnetism, and optics. Degree credit can only be awarded for one of the following: PH 102, PH 106, or PH 126.
Prerequisite(s): MATH 126 or MATH 146; and PH 105 or PH 125.

PH 253. Intro Modern Physics. 3 sem. hrs.
Study of topics in modern physics, including special relativity, quantum physics, atomic and nuclear structure, and solid state physics.
Prerequisite(s): MATH 126 or MATH 146; and PH 102 or PH 106 or PH 126.

PH 255. Modern Physics Lab. 1 sem. hr.
Experimental work in the topics that form the subject matter of PH 253.
Prerequisite(s) with concurrency: PH 253.

PH 301. Mechanics I. 3 sem. hrs.
Vector analysis and treatment of Newtonian mechanics at the intermediate level.
Prerequisite(s): PH 102 or PH 106 or PH 126
Prerequisite(s) with concurrency: MATH 238.

Treatment of Newtonian mechanics at the intermediate level, including central forces, lagrangians, normal modes, and waves. Designed for students planning graduate study in physics or astronomy.
Prerequisite(s): PH 102 or PH 106 or PH 126
Prerequisite(s) with concurrency: MATH 238.

PH 331. Elect & Magnetism I. 3 sem. hrs.
Electrostatics, Ampere's and Faraday's laws, vector potential, displacement current, and Maxwell's equations.
Prerequisite(s): PH 102 or PH 106 or PH 126
Prerequisite(s) with concurrency: MATH 238.

PH 332. Elect & Magnetism II. 3 sem. hrs.
Continuation of electricity and magnetism beginning with Maxwell's equations.
Prerequisite(s): PH 331.

PH 354. Intermediate Modern Physics. 3 sem. hrs.
Continuation of PH 253. Applications of quantum mechanics, including lasers, semiconductors, particle physics, nanoscience, and other current topics.
Prerequisite(s): PH 253.

PH 405. Physics For Science Teachers. 3 sem. hrs.
Selected topics in contemporary physics for high-school and post-secondary science teachers.

PH 411. Biophysics. 3 sem. hrs.
Physics of biological systems: proteins, lipids, nucleic acids, supramolecular structures, and molecular motors; structure, function, energetics, thermodynamics, biotechnotechnology. Emphasis on systems that are best understood in physical and molecular detail.

PH 412. Physics Pedagogy. 1 sem. hr.
This is a course in teaching methodologies for introductory physics, based on recent results from physics education research.
Prerequisite(s): None
Prerequisite(s) with concurrency: None.

PH 413. High School Physics Labs I. 1 sem. hr.
This course is designed to provide training in Level 1 Alabama Science in Motion physics laboratory activities for pre-service high school physics teachers. In addition to hands-on training, students will observe a selected number of ASIM lab activities being performed in a local high school classroom. Whenever possible, training will occur jointly with on-going in-service workshops provided by the ASIM physics specialist.
Prerequisite(s): PH 102 or PH 106 or PH 126.

PH 414. High School Physics Labs II. 1 sem. hr.
This course is designed to provide training in Level 2 Alabama Science in Motion physics laboratory activities for pre-service high school physics teachers. In addition to hands-on training, students will observe a selected number of ASIM lab activities being performed in a local high school classroom. Whenever possible, training will occur jointly with on-going in-service workshops provided by the ASIM physics specialist.
Prerequisite(s): PH 102 or PH 106 or PH 126.

PH 415. High School Physics Labs III. 1 sem. hr.
This course is designed to provide classroom experience for students who have received training in Levels 1 and 2 Alabama Science in Motion physics laboratory activities for pre-service high school physics teachers. Students will assist with approximately six different ASIM lab activities being performed in a local high school classroom. They will meet with the classroom teacher before and after each class to discuss the goals and objectives and to assess the effectiveness of the activity, and they will write a report on their observations.
Prerequisite(s): PH 102 or PH 106 or PH 126.

PH 434. Digital Electronics. 3 sem. hrs.
Two laboratory periods. Theory and practical application of digital integrated circuits, including gates, flip-flops, counters, latches, and displays. Computer data acquisition and control using LabView and A/D and D/A fundamentals.
Prerequisite(s): PH 334.

No graduate credit will be awarded for PH 441. Introduction to quantum mechanics, including solutions to the Schrodinger equation.
Prerequisite(s): PH 253 and PH 331 and PH 301 or PH 302.

PH 442. Quant Struct Matter II. 3 sem. hrs.
No graduate credit will be awarded for PH 442. Continuation of quantum mechanics with applications in atomic, molecular, solid state, and condensed matter physics. Writing proficiency within this discipline is required for a passing grade in this course.
Prerequisite(s): PH 441.

PH 451. Nuclear Particle Physics. 3 sem. hrs.
Stable nuclei, isotopes, nuclidic masses, alpha decay, phase space, gamma ray transitions, Yukawa forces, isotopic spin, scattering, resonance behavior, the quark model, heavy flavors, Higgs bosons, and the electroweak theory.
Prerequisite(s): PH 441.

PH 471. Thermal Physics. 3 sem. hrs.
Introduction to thermal phenomena on a macroscopic and a statistical basis, and principles and laws governing them.
Prerequisite(s): MATH 227 or MATH 247 and PH 253.

PH 481. Solid State Physics. 3 sem. hrs.
Phenomenological treatment of mechanical, thermal, electrical, and magnetic properties of matter and fluorescence, phosphorescence, photo-conductivity, and work function; the free-electron model and the band approximation; structures of simple crystals.
Prerequisite(s): PH 441.

PH 482. Topics Physics & Astronomy. 1-3 sem. hr.
Topics in physics and astronomy not covered by existing courses. Repeat credit is allowed for different topics.
PH 488. Nanoscale Science and Applications. 3 sem. hrs.
Nanoscale science and technology are based on the study and manipulation of phenomena at length scales approaching one billionth of a meter. Advances in this rapidly changing field are being made across multiple disciplines including Physics, Chemistry, Biology, Materials Science, Engineering, and Medicine with emerging practical applications in areas as varied as energy conversion and storage, manufacturing, telecommunications, information processing, medical diagnostics, and drug delivery to mention just a few. The goal of this course is to provide upper level undergraduate and graduate students with a foundational perspective on some of the key scientific principles relevant to the behavior of matter at the nanoscale as well as a review of processes, materials, and systems that derive their properties from nanoscale phenomena.

PH 490. Honors Seminar In Physics. 1 sem. hr.
A seminar course on current topics in physics and astronomy.

PH 491. Advanced Laboratory. 3 sem. hrs.
Two laboratory periods and 1 hour of seminar. Experimental work in modern physics at an advanced level. Writing proficiency within this discipline is required for a passing grade in this course.
Prerequisite(s): PH 255.

PH 493. Intro To Research. 1-3 sem. hr.
Credit is by arrangement, but no graduate credit will be awarded for PH 493. Student performs research under supervision of a faculty member.

PH 495. Independent Study I. 1-3 sem. hr.

PH 496. Independent Study II. 1-3 sem. hr.

Polish (POL) Courses

Political Science (PSC) Courses

PSC 101. Intro American Politics. 3 sem. hrs.
Survey of the principles, political institutions, and practices of American national, state, and local politics.

PSC 103. Intro Public Policy. 3 sem. hrs.
Survey of problems encountered by American governmental units in fields such as agriculture, welfare, education, health, and business regulation.

PSC 201. Scope Political Science. 3 sem. hrs.
Survey of the political processes and institutions of contemporary societies and an introduction to the concepts and concerns of political research.

PSC 202. Political Science Methods. 3 sem. hrs.
Introduction to the conduct of political inquiry and methods of political research.

PSC 203. Comparative Politics. 3 sem. hrs.
Theoretical approaches to the comparative study of national political systems.

PSC 204. International Relations. 3 sem. hrs.
Survey of the evolution of the modern state system and the basic forces in international relations.

PSC 205. Political Theory. 3 sem. hrs.
Study of fundamental concepts in political theory such as liberty, equality, and authority.

PSC 206. Public Administration. 3 sem. hrs.
Study of the administrative principles and practices in the areas of organization, personnel management, budgeting, government regulation, and democratic controls.

PSC 211. State & Local Govt. 3 sem. hrs.
Study of the institutions and functions of American state and local governments and their relationship to the political process.

PSC 311. Pol Party & Elections. 3 sem. hrs.
Activities of parties and pressure groups in American politics. Attention is given to the social composition, organization, finance, and nominating processes of parties.

PSC 312. Amer Legislative Syst. 3 sem. hrs.
Analysis of the politics and processes of the U.S. Congress, including its Constitutional origins, evolution, current structures and rules, elections, and relationships with the public and other political actors.

PSC 313. The American Executive. 3 sem. hrs.
Examination of the U.S. Presidency, including its Constitutional origins and historical evolution; current structure, selection, and powers; and relationships with the broader executive bureaucracy, Congress, and the public.

PSC 314. Amer Judicial System. 3 sem. hrs.
Introductory analysis of judicial organization, processes, and behavior, with emphasis on the institutional characteristics of the courts.

PSC 316. Southern Politics. 3 sem. hrs.
Examination of the party system of the Southern states in terms of its origin, nature, distribution of power, and impact on national politics.

PSC 318. Constit Law Limits Gov Power. 3 sem. hrs.
Study of the constitutional foundations of federalism and the separation of powers, with emphasis on the role of the Supreme Court.
Prerequisite(s): PSC 101.

PSC 319. Con Law Civ Rts and Libs. 3 sem. hrs.
Study of the Constitution’s protections for civil rights and civil liberties, and the Supreme Court’s interpretations of them.

PSC 320. Special Studies In Psc. 1-3 sem. hr.
Supervised independent reading and research. May be repeated for a maximum of 6 hours, with permission of the department.

PSC 321. Special Topics In Psc. 3 sem. hrs.
Course content varies from offering to offering. May be repeated for a maximum of 12 hours, with permission of the department.

PSC 330. Democratization. 3 sem. hrs.
Examination of democratization processes and outcomes in different areas of the world, as well as success and failure in institutionalizing fully democratic systems.
Prerequisite(s): Sophomore standing or permission of the instructor.

PSC 333. Soviet Post Sov Politics. 3 sem. hrs.
Study of institutions and processes in the USSR and the post-Soviet republics, with attention to concepts of authoritarianism, systemic change, and democratization.

PSC 334. Government Politics West Europ. 3 sem. hrs.
Analysis of the democracies of Western Europe. Attention is given to participation, societal cleavages, elections, parties, government institutions, policy making, and the European Union.

PSC 335. Soc Movements & Cont Politics. 3 sem. hrs.
Examination of social movements. Particular attention will be paid to the impact of movements on political processes.

PSC 340. Civil Wars. 3 sem. hrs.
This course covers a variety of topics related to civil war using a theoretical and scientific perspective. Topics include the distribution, onset, outcome, recurrence and duration of civil wars, and the management of civil war though third party mediation and negotiated settlements.

PSC 342. For Pol Sov Un Suc State. 3 sem. hrs.
Examination of the influence of the Soviet Union in the evolution of the international system as well as the interests and strategies of Russia and other successor states.

PSC 344. The Israel-Palestine Conflict. 3 sem. hrs.
How are we to make sense of the present-day conflict between Israelis and Palestinians? How do the parties involved see that conflict, and how does it fit into our own conceptions of religion and politics, war and peace, place and space? Why does it seem so intractable? Why does it occupy such prominence in contemporary political discourse? Through an examination of primary and secondary historical texts, literary works, films and artwork, we will explore the origins and unfolding of this conflict both internally (ie, emerging from within distinct social-political moments for the people involved) and externally (in relation to broader geopolitical and economic developments). As the conflict remains ongoing, we will strive for compassionate, nuanced engagement; to understand rather than judge; and to find hope for new possibilities.
Prerequisite(s): Background in Middle Eastern politics is not required, but will be of benefit.

PSC 353. Modern Political Thought. 3 sem. hrs.
Key political theorists from the sixteenth to the nineteenth centuries. Assigned texts may vary, but typically include works by Machiavelli, Hobbes, Locke, Rousseau, J. S. Mill, Marx, and Nietzsche. Topics include conceptions of a just society, the state, the value of political participation, liberty, and equality.

PSC 361. Fiscal Policy & Budget. 3 sem. hrs.
Study of governmental revenue and expenditure policies with emphasis on the budget as a method of administrative and fiscal control.

PSC 362. Organization Theory. 3 sem. hrs.
An examination of traditional and contemporary organizational theory and its application to public administration.

A historical and contemporary assessment of the political, social and economic development of African-Americans in the American political system.
PSC 365. Introduction to Environmental Policy. 3 sem. hrs.
This introductory environmental policy course reviews major developments in environmental regulation in the United States, considered in a global context. Readings examine the evolution of U.S. environmental policy, the form and function of social institutions used to govern human-environment interactions, including markets, state and civil society, and conventions, norms, and morals. U.S. and U.N. legal structures, agencies, and NGOs are addressed, with attention to comparative regulatory frameworks. The “new institutional approach,” “resource regimes,” and various incremental and transformative institutional reforms are discussed. The impact of economic and cultural factors—including class, race, gender, and location—on resource use and other policy decisions affecting the physical and built environments will be explored. Evolving institutional approaches to energy use, such as sustainability, “wise use,” adaptive management, and resilience are examined. This course is cross-listed with NEW 365. Prerequisite(s): No prerequisites are required.

PSC 399. Internship In Psc. 3-6 sem. hrs.
PSC 411. Public Opinion. 3 sem. hrs.
The formation, distribution, structure, properties, and techniques of measuring public opinions in the United States.

PSC 413. Amer Foreign Policy. 3 sem. hrs.
Examination of the forces and processes affecting United States foreign relations. Attention is also given to the content and problems of contemporary American foreign policy.

PSC 416. Migration and American Politics. 3 sem. hrs.
This course examines how great movements of people have shaped American politics and policy. Prerequisite(s): None

PSC 422. Seminar Political Science. 3 sem. hrs.
May be repeated for a maximum of 6 hours. Selected problems in various areas in political science. Writing proficiency within this discipline is required for a passing grade in this course.

PSC 433. Communism Europe 1945-89. 3 sem. hrs.
Examination of the interaction of Marxist theory and practice in various national settings. Attention is given to the differential evolution of parties and regimes and to reasons for the dissolution of communist systems.

PSC 434. Internat Polit Econ. 3 sem. hrs.
The course deals with the international trade and finance regimes, foreign economic policy, transnational corporations in the world economy, North/South and East/West relations, and the implications of economic interdependence.

PSC 435. War And Peace. 3 sem. hrs.
Study of the causes of war at the individual, societal and international levels of analysis with particular emphasis on international relations research using the scientific method. Prerequisite(s): PSC 204 or PSC 413.

PSC 436. Non-Communst East Europe. 3 sem. hrs.
An examination of the political issues, processes, and institutions, primarily in the formerly communist states of East-Central Europe.

PSC 437. Post Communism. 3 sem. hrs.
Examination of processes of democratization and reversion to authoritarianism in East Central Europe and Eurasia. Political, social, and economic alterations of communist arrangements are discussed. Writing proficiency within this discipline is required for a passing grade in this course.

PSC 438. Govt and Politics of S. Asia. 3 sem. hrs.
Examination of South Asian states. Attention is given to the legacies of colonialism, political institutions, democratization, economic development, political conflict and regional security.

PSC 441. Terrorism. 3 sem. hrs.
Explores the definition and dynamics of domestic and international terrorism, terrorist ideas and terrorist organization, and the political problems of suppressing terrorism.

PSC 442. Internati Conflict. 3 sem. hrs.
Examination of the various kinds of violent conflicts in which nation-states become involved.

PSC 443. Comparative Pub Policy. 3 sem. hrs.
Analysis of domestic policy in advanced industrialized democracies, looking at both policy process and policy substance. Attention will be given to the questions of how and why policies differ across countries, and how one might evaluate policy performance cross-nationally. Writing proficiency within this discipline is required for a passing grade in this course.

PSC 444. International Organizations. 3 sem. hrs.
An examination of the essential structures and processes in international organizations, both governmental and nongovernmental, and their roles in the area of global security, economy, and social welfare. Writing proficiency within this discipline is required for a passing grade in this course.

PSC 446. Political Economy of Security. 3 sem. hrs.
The course will cover a variety of topics that link security and political economy. Writing proficiency within this discipline is required for a passing grade in this course.

PSC 448. Human Rights & Institutions. 3 sem. hrs.
This class examines how domestic and international institutions create incentives or constraints leading to human rights violations or protections from a social science perspective.

PSC 452. American Political Thought. 3 sem. hrs.
Investigates primary sources and secondary literature covering the origin and direction of the U.S. political ideology. Topics typically include liberalism, civic republicanism, and debates between contemporary scholars concerning American exceptionalism. Prerequisite(s): PSC 205.

PSC 455. Political Traditions and Dilemmas. 3 sem. hrs.
This course is a sustained examination of the history of political thought in the western tradition coupled with philosophical investigation into contemporary issues.

PSC 462. Public Personnel Admin. 3 sem. hrs.
Study of the American public personnel system at the local, state, and national level. Emphasis is on such areas as the political activity of government employees, the application of the principle of equal opportunity and affirmative action, and the role of collective bargaining in government.

PSC 464. The Politics of Health Policy. 3 sem. hrs.
We examine health policy at all levels of government, with particular focus on the interdependence of the national, state, and local governments to provide health services. The political environment of health policymaking and implementation is explored. Health policies such as Medicaid, Medicare, and the Affordable Care Act will be examined, as well as other policies that impact health. We examine the policymaking process in general, applying health policy to the concepts and theories. We compare the US health care system with systems in other industrialized democracies. Prerequisite(s): Approval of academic advisor and at least junior status.

Portuguese (POR) Courses

Contemporary Portuguese: speaking, reading, and writing. Course involves directed-sight instruction in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a “language trainer” who is a native/near native (or superior level) speaker of the language. Native speakers of this language cannot take this course. Any students with background knowledge of this language must see the CLC director for permission before registering. Not repeatable without permission of the CLC director. Offered each semester.

POR 102. Elementary Portuguese II. 3 sem. hrs.
Contemporary Portuguese: speaking, reading, and writing. Course involves directed self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a “language trainer” who is a native/near native/superior-level speaker of the language. Not repeatable without permission of the CLC director. Offered each semester. Prerequisite(s): POR 101.

POR 201. Intermed Portuguese I. 3 sem. hrs.
Continuation of Portuguese language on the intermediate level. Emphasis is on the development of reading skills and writing proficiency. Not repeatable without permission of CLC director. Offered according to demand. Prerequisite(s): POR 102.

POR 202. Intermed Portuguese II. 3 sem. hrs.
Continuation of POR 201. Emphasis is on the development of reading skills and writing proficiency. Not repeatable without permission of CLC director. Offered according to demand. Prerequisite(s): POR 102.

Psychology (PY) Courses

PY 101. Intro To Psychology. 3 sem. hrs.
Basic principles of psychology.

PY 105. Honors Intro Psychology. 3 sem. hrs.
Honors section of PY 101.
PY 155. Creativity. 3 sem. hrs.
This course will introduce students to creativity and creative problem solving from both a theoretical and applied focus.

PY 207. Psychology Of Adjustment. 3 sem. hrs.
Basic principles of mental health and an understanding of the individual models of behavior.
Prerequisite(s): PY 101 or PY 105.

PY 211. Elem Statistical Methods. 3 sem. hrs.
Methods are presented that enable students to make inferences about a population from a knowledge of small samples. Offered each semester and in the summer session.
Prerequisite(s): MATH 100 or MATH 110 or MATH 112 or MATH 115 or MATH 121 or MATH 125 or MATH 126 or MATH 145 or MATH 146 and PY 101 or PY 105.

PY 228. Applied Psychology. 3 sem. hrs.
Examination of current uses of Psychology.
Prerequisite(s): PY 101 or PY 105.

PY 313. Sensation and Perception. 3 sem. hrs.
Physiological and psychophysical aspects of the senses.
Prerequisite(s): PY 101 or PY 105.

PY 321. Professional Issues Proseminar in Psychology. 1 sem. hr.
Course orients psychology majors to career opportunities for psychology majors terminating with a BA or BS, as well as those students moving on to post-graduate work.
Prerequisite(s): PY 101 or PY 105.

PY 352. Developmental Psych. 3 sem. hrs.
Physical, intellectual, emotional, and social development throughout the life span.
Prerequisite(s): PY 101 or PY 105.

PY 355. General Experimental Psychology. 3 sem. hrs.
Scientific methods applied to the problems of psychology.
Prerequisite(s): PY 211 (grade of C- or higher required) AND 9 hours of Psychology coursework.
Prerequisite(s) with concurrency: PY 356.

PY 356. Research Laboratory. 2 sem. hrs.
Application of experimental and statistical techniques in a laboratory setting.
Prerequisite(s): PY 211 (grade of C- or higher required) AND 9 hours of Psychology coursework.
Prerequisite(s) with concurrency: PY 355.

PY 358. Abnormal Psychology. 3 sem. hrs.
Etiology, symptomatology, and treatment of the major mental behavioral disorders.
Prerequisite(s): PY 101 or PY 105.

PY 361. Psychology Of Learning. 3 sem. hrs.
Theoretical and applied implications of principal findings in learning, memory, and cognition.
Prerequisite(s): PY 101 or PY 105.

PY 365. Psychology Of Aging. 3 sem. hrs.
The intellectual, social, cognitive, and physical development in adulthood with special emphasis on late adulthood.
Prerequisite(s): PY 101 or PY 105.

PY 368. Intro To Personality. 3 sem. hrs.
A study of theories that represent the psychoanalytic, neo-psychoanalytic, trait, life span, humanistic, cognitive, behavioral and social-learning approaches to understanding human behavior. Clinical and experimental data are used to evaluate representative personality theories.
Prerequisite(s): PY 101 or PY 105.

PY 370. History & Systems in Psychology. 3 sem. hrs.
A detailed presentation of the systematic points of view in Psychology with a consideration of their historical origins and significance for modern thought.
Prerequisite(s): PY 101 or PY 105.

PY 371. Psychology Of Gender. 3 sem. hrs.
Review of the contribution of psychological theories and research to the understanding of sex differences in general and to women's roles in particular.
Prerequisite(s): PY 101 or PY 105.

PY 372. Social Psychology. 3 sem. hrs.
Major aspects of social psychology, including aggression, altruism, attitude change, interpersonal relations, prejudice, leadership, and group dynamics.
Prerequisite(s): PY 101 or PY 105.

PY 375. Special Topics In Psychology. 3 sem. hrs.
Courses devoted to topics not currently covered in the Psychology curriculum will be offered under this title.
Prerequisite(s): PY 101 or PY 105.

PY 376. Special Topics in Psychology: Behavioral Medicine. 3 sem. hrs.
This course explores the theories, research, and practice of behavioral medicine, particularly as it relates to integration of behavioral health into primary medical care. Students will examine the roles of psychology and other behavioral health professions in research and practice within healthcare. Theories of practice in the field of behavioral health will be covered. Students will develop competence in the connection between behaviors and health.

PY 377. Psych Law And Justice. 3 sem. hrs.
Psychological interpretations of criminality, treatment of offenders, and the roles of psychologists and psychological issues in the justice system.
Prerequisite(s): PY 101 or PY 105.

PY 378. Junior Honors Seminar. 1 sem. hr.
The course is the first semester of a four-semester honors sequence. Exposure to research methods and opportunities for research within the Department of Psychology.
Prerequisite(s): PY 355
Prerequisite(s) with concurrency: PY 356.

PY 379. Junior Honors Seminar. 3 sem. hrs.
The course is the second semester of a four-semester honors sequence. Preparation of a research proposal and approval of thesis committee is required.
Prerequisite(s): PY 378.

PY 380. Practicum in Community-based Psychology. 3 sem. hrs.
This course combines specialized coursework with hands-on mentoring of middle and high school youth. It explores the development of civic engagement in youth and how to promote it.
Prerequisite(s): PY 101.

PY 391. Junior Seminar. 3 sem. hrs.
Course will expose students to specialty areas in Psychology and provide opportunities to develop skills associated with writing and oral presentation.
Prerequisite(s): PY 101 or PY 105 and PY 211.

The course will expose students to issues in child mental health and treatment, with a focus on professional ethics, mentoring, and evidence-based treatments for childhood disorders. The course will combine in-class lecture/discussion with a practicum experience at Brewer Porch.
Prerequisite(s): PY 101.

PY 413. Physiological Psych. 3 sem. hrs.
Bodily structures (nervous, muscular, and glandular) underlying behavior.
Prerequisite(s): PY 355.

PY 451. Undergraduate Research. 1-3 sem. hr.
Individual research projects. A maximum of 6 credit hours may be earned in PY 451.
Prerequisite(s): PY 355.

PY 461. Child Psychology. 3 sem. hrs.
Observational and research procedures with infants and young children, with emphasis on operant learning and socialization processes. Suggested for undergraduate seniors.
Prerequisite(s): PY 355.

PY 470. Intro Cognitive Psychlg. 3 sem. hrs.
Contemporary approaches to cognitive psychology, including topics such as attention and memory.
Prerequisite(s): PY 355.

PY 478. Senior Honors Seminar. 2 sem. hrs.
The course is the third semester of a four-semester honors sequence. Implementation of an approved research proposal.
Prerequisite(s): PY 379.

PY 479. Senior Honors Seminar. 3 sem. hrs.
The course is the final semester of a four-semester honors sequence. Preparation and defense of senior honors thesis.
Prerequisite(s): PY 478.

PY 481. Readings In Psychology. 1-3 sem. hr.
Selected supervised readings. May be repeated for a maximum of 6 hours.
Prerequisite(s): PY 105 or PY 101 or PY 355 or PY 356.

PY 491. Senior Seminar in Psychology. 3 sem. hrs.
Thorough examination of a selected contemporary psychological area. Different topics are offered each semester; descriptions are available at registration. Writing proficiency within this discipline is required for a passing grade in this course. Offered each semester and in the summer session. May be repeated for a maximum of 6 hours.
Prerequisite(s): PY 355 and PY 356.

PY 495. Teaching Internship. 3 sem. hrs.
Supervised experience and training in teaching, course administration, etc., as additional preparation for students planning to pursue graduate study in psychology.
Religious Studies (REL) Courses

REL 100. Intro To Religious Studies. 3 sem. hrs.
Various methodological approaches to the academic study of religion, with examples of religious life and thought drawn from a variety of cultures. This course is required of all majors and minors.

REL 101. The Violent and the Sacred: Religion and the Problem of Human Suffering. 3 sem. hrs.
This introductory course examines the question of how we academically study the socio-cultural constructs that we call "religion" and "violence" by examining theories & theorists of each as well as academic disciplines that study them, all in order to examine their possible common elements and intersections. The course therefore examines theories of evil, violence, and hatred, using historical and contemporary case studies on such topics as terrorism and genocide.
Prerequisite(s): N/A
Prerequisite(s) with concurrence: N/A.

REL 102. Intro to Religions of the World. 3 sem. hrs.
This comparative study of religions highlights complexity in world religions. Topics, such as texts, practices, and deities, organize the study of different pairs of religions.

REL 105. Honors Intro Relig Stdy. 3 sem. hrs.
Honors version of REL 100.

REL 110. Intro To The Hebrew Bible. 3 sem. hrs.
Introduction to the books of the Hebrew Bible in their historical setting, with emphasis on textual analysis and on literary forms and their function and use in the past and present.

REL 112. Intro To New Testament. 3 sem. hrs.
Introduction to the Hellenistic world of early Christianity, examining the early traditions about Jesus that were organized into the Gospels and the letters of Paul.

REL 124. Religion & Film in America. 3 sem. hrs.
Uses film as the way into understanding the religious scene in America's broad set of ideas, symbols, social movements, and institutions that affect and are affected by the wider American culture.

REL 208. Hinduism. 3 sem. hrs.
This course comprises a broad, comprehensive, and interdisciplinary introduction to the practices and conceptions that people identify as Hinduism. Prerequisite(s): None; it is recommended that students have already taken REL 100 and REL 102 but this is not required.

REL 220. Survey Of Asian Religion. 3 sem. hrs.
Introductory survey of the major religious traditions of Asia, including Hinduism, Buddhism, Confucianism, Taoism, and Shinto.

REL 223. Holocaust Historical Perspect. 3 sem. hrs.
Examination of this event, and scholarship on it, from various historical and critical perspectives.

REL 224. Judaism. 3 sem. hrs.
A study of some of the leading schools and interpreters of Judaism and a review of modern developments including the Holocaust and the state of Israel.

REL 226. African Diaspora Religions. 3 sem. hrs.
Examination of African influence throughout the Americas (e.g., Candomblé in Brazil, Vodou in the Caribbean, African-American religions in North America), focusing on the interplay between religion, culture and politics.

REL 228. Hy Of Christian Thought. 3 sem. hrs.
The major theological orientations that have shaped Christianity in various social and historical contexts.

REL 231. Religious Existentialism. 3 sem. hrs.
Examines answers offered by such writers as Kierkegaard, Dostoevsky, Buber, Weisel and Tillich, to such questions as: What is the meaning of existence? What is the meaning of my existence? What does it mean to exist authentically in religious terms?

REL 234. Women And Religion. 3 sem. hrs.
The role and place of women in several religious traditions, ancient and modern.

REL 236. Islam. 3 sem. hrs.
An introduction to the traditions of Islam, including their history, texts, intellectual debates, and contemporary practices.

REL 237. Self Society & Religions. 3 sem. hrs.
A survey of psychological and social theories used to study religion, drawing on different cultural and historical data of relevance to the approaches surveyed.

REL 238. Philosophies Of Judaism. 3 sem. hrs.
Survey of major philosophical formulations of the nature and role of Jews and Judaism, written by select Jewish thinkers.

REL 240. Apocalypse In Contemporary FIl. 3 sem. hrs.
Examines contemporary portrayals of the end times in popular films.

REL 241. American Religious History. 3 sem. hrs.
This course offers a survey of religious themes and movements in American culture from the period before European colonization to the present. reactivate.

REL 245. Honors Hist. Religions of Amer. 3 sem. hrs.
This Honors course offers a survey of religious themes and movements in American culture from the period before European colonization to the present.

REL 311. English Bible As Literature. 3 sem. hrs.
Analytical and critical study of a number of books of the Bible; each book is examined and evaluated as an example of a particular literary genre. Writing proficiency within this discipline is required for a passing grade in this course.

REL 321. Rel & Ident in South Asia. 3 sem. hrs.
Investigates the intersections of various social divisions and identities with religious labels and practices by analyzing case studies from South Asia.

REL 322. Tales from Asia: Told and Retold in Film and Popular Culture. 3 sem. hrs.
Movies, comic books, and video games, among other aspects of popular culture, can present adaptations of various stories associated with Asia. Analyzing retellings within contemporary popular culture, this core writing course investigates versions of two specific stories, the Ramayana and Journey to the West, to address issues surrounding myths and cultural identity and the ways people adapt stories for various ideological purposes, including the politics of translation, adaptation, and classification.
Prerequisite(s): None
Prerequisite(s) with concurrence: None.

REL 340. Nietzsche and Religion. 3 sem. hrs.
Examines the major writings on religion of Friedrich Nietzsche (1844-1900), with special attention to the relationship between religion, rhetoric, language, culture, and power.

REL 341. Theories of Myth. 3 sem. hrs.
Examination of the history of differing theories of myth, conceived as a sub-type of narrative.

REL 347. Jewish-Christian Relations. 3 sem. hrs.
Critical examination of the 2,000-year-old relationship focusing on areas of commonality and difference.

REL 350. Religion in Colonial Empire. 3 sem. hrs.
The academic study of religion emerged during the age of European empire, instituted itself in the United States during the Vietnam era, and took on a new role in the wake of 9/11. This course will explore the role of colonial contact and the encounter between Europe and its others in the construction of religion as a category in the West. As a famous scholar once put it, "religion" is not a native category. So, whence religion? We will attempt an answer through a study of colonialism in America, Africa, and Asia using theories and histories from postcolonial studies, colonial history, religious studies, and critical theory.
Prerequisite(s): none
Prerequisite(s) with concurrence: none.

REL 360. Individual Research. 1-3 sem. hr.
Supervised research of the student's choice. May be repeated for a maximum of 9 hours for differing topics. Speak with the professor before registering.

REL 361. Individual Research. 1-3 sem. hr.
Supervised research of the student's choice. May be repeated for a maximum of 12 hours for differing topics. Speak with the professor before registering.

REL 370. Adv Study Religion In Culture. 3 sem. hrs.
Specific context will be determined by faculty responsible for the course that semester. May be repeated for a maximum of 9 hours for differing topics.

REL 371. Adv St American Religion. 3 sem. hrs.
Specific context will be determined by faculty responsible for the course that semester. May be repeated for a maximum of 9 hours for differing topics.

REL 372. Adv St Mid East European Rel. 3 sem. hrs.
Specific context will be determined by faculty responsible for the course that semester. May be repeated for a maximum of 9 hours for differing topics.

REL 373. Adv Stud Asian Religion. 3 sem. hrs.
Specific context will be determined by faculty responsible for the course that semester. May be repeated for a maximum of 9 hours for differing topics.

REL 410. Religion and Genocide. 3 sem. hrs.
Explores the phenomenon known as genocide by examining its relationship to the religions in both its institutional and theological frameworks.
REL 415. Religion in the American South. 3 sem. hrs.
This course will look at the roles and implications of myths and rituals in the American South, using the UA campus as its own case study and talking about how notions of "the past" come to be invented in different ways for different social purposes through memorials and monuments. Along with learning about specific religious groups and practices that find their homes in the region, students will tackle analytical classifications and contestations of "the South" as an identifiable geographical and cultural space. "Because the course carries the Core "W" designation, writing proficiency is required for a passing grade. An important component of the seminar is the mastering the steps in the writing process, which we will be utilizing throughout the semester. These steps include brainstorming, drafting, peer editing, and revising. This course is limited to 16 participants. Prerequisites include two courses in Religious Studies or permission of the instructor. Writing proficiency is required for a passing grade in this course.

REL 419. Myth Ritual And Magic. 3 sem. hrs.
Examination of the theories and methods used to study the relations between religious narrative and behavioral systems. Writing proficiency within this discipline is required for a passing grade in this course.

REL 420. Gospel Of Mark. 3 sem. hrs.
Investigates the Gospel of Mark through the disciplines of contemporary biblical, literary, and cultural criticism. Writing proficiency within this discipline is required for a passing grade in this course.

REL 430. Religion and Literature. 3 sem. hrs.
This course will examine religion and literature in light of what both discourses rely heavily on: namely, canon formation. From a critical starting point that views these two categories as socio-cultural products, we will discuss problems of authorship, readership, and canonicity with a particular eye toward the questions and implications of decisions that are made regarding what "counts" in literary or religious traditions. To that end, we will read novels whose status in a literary and/or cultural canon was questionable and contested for one reason or another. In some cases, the texts prompted obscenity trials; in others, the texts were published posthumously or with some debate over authorship; and in others, the texts blur boundaries of genre. In every case, however, the legitimacy or importance of the narrative is subject to careful and often controversial legislation. We will read several novels but will also trace critical interventions into these issues of authority, voice, and identity, with readings from thinkers such as Roland Barthes, Michel Foucault, Gayatri Spivak, John Guillory, and Toril Moi. Writing proficiency within this discipline is required for a passing grade in this course.

REL 440. Theories of Religion. 3 sem. hrs.
Examines classic and contemporary theories of religion such as functionalism, structuralism, Marxism, and psychoanalysis. Emphasis may vary with each offering.

REL 460. Individual Research. 1-3 sem. hr.
Supervised research of the student's choice. May be repeated for a maximum of 12 hours for differing topics. Speak with the professor before registering.

REL 461. Individual Research. 1-3 sem. hr.
Supervised research of the student's choice. May be repeated for a maximum of 12 hours for differing topics. Speak with the professor before registering.

REL 480. Seminar Religion In Culture. 3 sem. hrs.
Specific context will be determined by faculty responsibility for the course that semester. May be repeated for a maximum of 9 hours for differing topics.

REL 483. Seminar Asian Religion. 3 sem. hrs.
Specific context will be determined by faculty responsibility for the course that semester. May be repeated for a maximum of 9 hours for differing topics.

REL 490. Senior Capstone Seminar. 3 sem. hrs.
A seminar offered spring semester of each year for seniors pursuing a major or minor in religious studies or minor in Judaic studies. The professor and subject of the seminar rotate through the four areas of the curriculum. Required of all majors and minors in the Department. May be repeated for a maximum of 9 hours for differing topics.

Romance Languages (RL) Courses

Russian (RUS) Courses

This course introduces students to the basics of Russian: alphabet, pronunciation, elementary vocabulary, and grammar. The course emphasizes the acquisition of reading, listening, and speaking skills by the student. The class meets five times per week.

RUS 102. Elementary Russian II. 4 sem. hrs.
This course builds upon the foundation established in RUS 101 and continues with the acquisition of elementary vocabulary and grammar. The course emphasizes the acquisition of reading, listening, and speaking skills by the student. The class meets five times per week.

RUS 201. Intermediate Russian I. 3 sem. hrs.
This course builds upon the foundation established in RUS 101 and continues with the acquisition of intermediate level vocabulary and grammar. The course emphasizes the acquisition of reading, listening, and speaking skills by the student. This course introduces students to short literary texts. Prerequisite(s): RUS 102 or RUS 111.

This course builds upon the foundation established in RUS 101, RUS 102, and RUS 201 and completes the acquisition of basic vocabulary and grammar. The course emphasizes the acquisition of reading, listening, and speaking skills by the student. This course continues the use of short literary texts and introduces students to higher-style literary forms. Prerequisite(s): RUS 201.

RUS 223. Russian Literature in Translation I. 3 sem. hrs.
Survey of Russian literature including the Golden Age until the 1880s. Authors include Pushkin, Gogol, Lermontov, Dostoevsky, Turgeniev and Tolstoy. No knowledge of Russian is required. Usually offered in the fall semester. Same as WL 223.

RUS 224. Russian Literature in Translation II. 3 sem. hrs.
Survey of Russian literature from the 1880s until the present. Authors include Bunin, Babel, Bulgakov, Zamyatin, Pasternak and Solzhenitsyn. No knowledge of Russian is required. Usually offered in the spring semester. Same as WL 224.

RUS 251. Russian Culture. 3 sem. hrs.
Topics may include geography, law, science, agriculture, literature, sports, cinema, peasants, icons, the Russian Orthodox Church, Ukrainian Easter egg art and other folk art and crafts, foreign policy, food and cooking, entertainment, etc. No knowledge of Russian is required.

RUS 252. Russian Folklore. 3 sem. hrs.
Survey of the various genres of Russian folklore including the folk epics, historical songs, fairy tales, and proverbs as well as an introduction to various folk beliefs. No knowledge of Russian is required.

RUS 308. Adv Russian Conversin I. 3 sem. hrs.
Practice in speaking modern Russian. Emphasis is on active response based on aural comprehension of the language. Prerequisite(s): RUS 202.

RUS 325. Dostoevsky. 3 sem. hrs.
The life and works of Fyodor Dostoevsky. No knowledge of Russian is required. Writing proficiency within this discipline is required for a passing grade in this course.

RUS 326. Tolstoy. 3 sem. hrs.
The life and works of Leo Tolstoy. No knowledge of Russian is required. Writing proficiency within this discipline is required for a passing grade in this course.

RUS 327. Chekhov. 3 sem. hrs.
This course will cover the life and major works of Anton Chekhov. All materials are read in English translation. No knowledge of Russian is required for this course. This course is cross-listed with RUS and EN. All materials to be studied and assignments to be submitted apply to all sections. Prerequisite(s): none.

RUS 328. Nabokov. 3 sem. hrs.
Introduction to the life and major works of Vladimir Nabokov. No knowledge of Russian required.

RUS 351. History of Russia to 1894. 3 sem. hrs.
Russia to 1894.

RUS 352. History of Russia and the Soviet Union since 1894. 3 sem. hrs.
Russia and the Soviet Union since 1894.

The study of new grammatical concepts reinforced by translation from English to Russian and by the composition of short essays in Russian on a variety of topics. Prerequisite(s): RUS 202.

The study of new grammatical concepts reinforced by translation from English to Russian and by the composition of short essays in Russian on a variety of topics. Prerequisite(s): RUS 361.

RUS 401. Directed Readings. 1-3 sem. hr.

RUS 402. Directed Readings. 1-3 sem. hr.

RUS 426. Readings in Russian History. 3 sem. hrs.
This course introduces students to advanced texts in Russian thematically focused on Russian history. Prerequisite(s): RUS 101 and RUS 102 and RUS 201 and RUS 202 and RUS 361 and RUS 362.
RUS 427. Business Russian. 3 sem. hrs.
Acquisition of business Russian used in commercial transactions. Emphasis is on business letters and business conversation. Prerequisite(s): RUS 310 or RUS 362.

Sanskrit (SAN) Courses
SAN 101. Elementary Sanskrit. 3 sem. hrs.
Ancient Sanskrit; reading, and writing. Course involves directed-self-instructional approach in the Critical Languages Center. Students are required to study the textbook. Students have reading and writing sessions three hours per week with a “language trainer” who is a superior-level reader of the language. Native Hindi speakers of this language cannot take this course. Any students with background knowledge of this language must see the CLC director for permission before registering. Not repeatable without permission of the CLC director.

Social Sciences (SS) Courses
Sociology (SOC) Courses
SOC 101. Intro To Sociology. 3 sem. hrs.
Introduction to the scientific study of human social behavior. Prerequisite(s): SOC 101.

Study of contemporary social problems, including definition, description, and analysis. Emphasis is on social change perspectives and cultural complexity. Prerequisite(s): SOC 101.

SOC 205. Social Psychology. 3 sem. hrs.
Not open to students who have earned credit in PY 372. Study of the interrelationships between the individual and the group. Includes perception, cognition, attribution, attitudes, helping behavior, aggression, personal relationships, prejudice, and gender in social life. Also includes aspects of applied social psychology. Prerequisite(s): SOC 101.

SOC 300. Research Methods. 3 sem. hrs.
Theoretical and specific instruction in both the conduct and application of research methods in criminal justice settings. Includes problems of research and policy dimensions of both direct and applied approaches. Prerequisite(s): SOC 101.

SOC 301. Social Statistics. 3 sem. hrs.
Elementary statistical techniques applied to sociological data; tables and graphs, central tendency and dispersion, probability and sampling, tests of significance, and measures of association. Prerequisite(s): SOC 101 and MATH 110 or MATH 112.

SOC 302. Sociological Theory. 3 sem. hrs.
The course will provide a review of the major systems of thought about society. Special emphasis is given to historical context and philosophical background as they relate to the development of sociological theories. Students will be introduced to view points and idea about how society functions, the role of conflict in society and the forces of social change. Prerequisite(s): SOC 101.

SOC 315. Race And Ethnic Relations. 3 sem. hrs.
Analysis of American social structure, race and ethnic relations, and demographic and institutional trends; studies of racial and ethnic issues. Prerequisite(s): SOC 101.

SOC 350. Criminology. 3 sem. hrs.
Theories of criminality, types of delinquent and criminal behavior, crime causation, crime control by police, and the criminal courts. Prerequisite(s): SOC 101.

SOC 352. Social Inequality. 3 sem. hrs.
Analysis of inequities of wealth, power, and prestige; major theories of racial and cultural minorities; behavioral correlates of stratification; social mobility. Prerequisite(s): SOC 101.

SOC 360. Sociology of HIV/AIDS. 3 sem. hrs.
Study of the social dimensions of HIV/AIDS. Discussions cover how HIV/AIDS is socially constructed in terms of gender, sexualities, race/ethnicity and social class. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): SOC 101.

SOC 390. Selected Topics In Soc. 3 sem. hrs.
The course may be taken a total of four times, with different topics. Social behavior; science, technology, and society; Latin American life; small-group dynamics; environmental sociology; medical sociology. Prerequisite(s): SOC 101.

SOC 404. Health and Society. 3 sem. hrs.
The health consequences of social deviance and the impact of criminalization for individual and societal wellbeing. Seminar discussions cover the criminalization of mental and physical illness and illnesses arising from criminal behavior and incarceration. Prerequisite(s): SOC 101.

SOC 405. Gender & Society. 3 sem. hrs.
A sociological approach to the study of women & men, focusing on: the social construction of genders in institutions and in everyday life, feminist theories of masculinity, gender inequality, and social change. Prerequisite(s): SOC 101.

SOC 444. Environmental Sociology. 3 sem. hrs.
Sociological analysis of environmental issues including the background of environmental issues, population, planning, limits to growth, food and energy resources, and social impacts of environmental alterations. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): SOC 101.

SOC 450. Sociology Of Law. 3 sem. hrs.
Study of social origin and consequences of law and legal process; analysis of social factors that determine legal outcomes. Prerequisite(s): SOC 101.

SOC 460. Body Politics. 3 sem. hrs.
Study of how human bodies are politicized in modern society. Discussions cover how the human body is politically constructed according to gender, race/ethnicity, occupation and social class. Writing proficiency within this discipline is required for a passing grade in this course. Prerequisite(s): SOC 101.

SOC 490. Seminar In Sociology. 1-3 sem. hr.
The course may be taken a total of four times, with different topics. Social behavior; science, technology, and society; advanced deviant behavior; juvenile delinquent behavior; Latin American life; small-group dynamics; environmental sociology; medical sociology. Prerequisite(s): SOC 101.

Spanish (SP) Courses
SP 101. Introductory Spanish I. 4 sem. hrs.
Five hours of instruction per week. The course is the first semester of college-level study of Spanish. Offered each year.

SP 102. Introductory Spanish II. 4 sem. hrs.
Continuation of written and oral skills in Spanish. Five hours of instruction per week. The course is the second semester of college-level study of Spanish. Conducted in Spanish. Offered each year.

SP 103. Intensive Review Intro Spanish. 4 sem. hrs.
Five hours of instruction per week. Intensive review and accelerated study of Spanish language at the first- and second-semester college level. Conducted in Spanish. Offered each year.

SP 104. Spanish for Engineering. 6 sem. hrs.
An introductory course for Spanish language with an emphasis on vocabulary for Engineers.

SP 201. Intermediate Spanish. 3 sem. hrs.
Review and development of grammar and syntax; development of speaking, reading, and writing skills. Prerequisite(s): SP 102 or SP 103.

SP 202. Intermediate Spanish. 3 sem. hrs.
Review and development of grammar and syntax; development of speaking, reading, and writing skills. Prerequisite(s): SP 201 or placement.

SP 205. Spanish House I. 1.5 sem. hr.
One-Semester residence in Spanish House. 1.5 crs. Prerequisite(s): Must have faculty director’s permission.

SP 206. Spanish House II. 1.5 sem. hr.
One-semester residence in Spanish house for 1.5hrs. Prerequisite(s): pre-reg must have faculty director’s permission.
SP 305. Spanish House III. 1.5 sem. hr.
Spanish 305 is an advanced conversation/immersion course designed for students who want to improve their communicative abilities in Spanish. A variety of cultural texts will be based for our activities, this course combines a content-based language instruction with an interactive task-based approach. Students will be expected to participate actively in a variety of interactive small and large group activities. These activities are designed to improve conversational skills and practical knowledge about culture and language. They may include: dialogues, conversations, interviews, film reviews, group discussions and presentations. Participation in these activities will require use of Spanish in various situations that reflect normal use of different varieties of the language. The course will be conducted in Spanish.
Prerequisite(s): Must have faculty director's permission.

SP 306. Spanish House IV. 1.5 sem. hr.
Spanish 306 is an advanced conversation/immersion course designed for students who want to improve their communicative abilities in Spanish. A variety of cultural texts will be the base for our activities. This course convives a content-based language instruction with an interactive task-based approach. Students will be expected to participate actively in a variety of interactive small and large group activities. These activities are designed to improve conversational skills and practical knowledge about culture and language. They may include: dialogues, conversations, interviews, film reviews, group discussions and presentations. Participation in these activities will require use of different varieties of the language. The course will be conducted in Spanish.
Prerequisite(s): Must have faculty director's permission.

SP 352. Spanish Conversation. 3 sem. hrs.
SP 353. Spanish Conversation. 3 sem. hrs.
The course is also offered in Spain as SP 352; it is not open to native and heritage speakers. Offered each semester. This is a required course for majors/minors.
Prerequisite(s): SP 202 or placement.

SP 354. Adv Grammar & Compositn. 3 sem. hrs.
SP 355. Spanish for Native and Heritage Speakers. 3 sem. hrs.
Advanced Spanish course designed for students of Hispanic background, who are either native speakers or heritage speakers of Spanish and want to improve their formal knowledge of the language.
Prerequisite(s): Only for native or heritage speakers of Spanish. Must interview with professor.

SP 356. Adv Grammar And Compos. 3 sem. hrs.
The course is also offered in Spain as SP 354. Review of Spanish grammar with emphasis on written expression in Spanish. This is a required course for majors/minors. Offered each semester.
Prerequisite(s): SP 202 or placement.

SP 360. Commercial Spanish. 3 sem. hrs.
Spanish business vocabulary and practices. Offered in the spring semester.
Prerequisite(s): SP 353 and SP 356 or permission of the instructor.

SP 361. Intro Romance Linguistic. 3 sem. hrs.
Credit for this course is not applicable toward the requirements of the Spanish major or minor.

SP 362. Spanish for Healthcare Professionals. 3 sem. hrs.
This course is designed to build fluency in both spoken and written Spanish that will enable the healthcare professional to communicate more effectively with a patient. The course emphasizes vocabulary acquisition and cultural nuances. In addition, along with a grammar review, students will work on improving their self expression in order to master the communication skills necessary in a healthcare profession.
Prerequisite(s): SP353 SP356.

SP 364. Spanish Civilization. 3 sem. hrs.
The course is also offered in Spain as SP 363. Study of Spanish artistic heritage and social and political institutions. Offered in the fall semester.

SP 366. Spanish-American Civ. 3 sem. hrs.
Study of the development of Spanish-American civilization from pre-Colombian times to the present. Offered in the spring semester.

SP 367. Technical Writing. 3 sem. hrs.
This course will teach students how to understand and write documents in technical areas usually not taught in conventional language courses. Emphasis on written expression. Students will practice and improve knowledge of Spanish grammar and syntax.
Prerequisite(s): SP 353 and SP 356 or permission of the instructor.

SP 371. Survey Of Spanish Lit. 3 sem. hrs.
Study of major works in Spanish literature from the Middle Ages through the 18th century. SP 371 and SP 372 are offered in alternate semesters.
Prerequisite(s): SP 353 SP 356 SP 364 or SP 366.

SP 372. Survey Of Spanish Lit. 3 sem. hrs.
Spanish literature from the 19th century to the present. Readings from important authors, lectures, reports, and analysis. SP 372 and SP 371 offered in alternate semesters.
Prerequisite(s): SP 353 SP 356 SP 364 or SP 366.

SP 375. Masterpc Sp-Amer Lit I. 3 sem. hrs.
Study of selected great works in the development of Spanish-American literature from the colonial period to modernism. Offered in fall semester.
Prerequisite(s): SP 353, SP 356, and SP 356 (or SP 364); or permission of the instructor.

SP 376. Masterpc Sp-Amer Lit II. 3 sem. hrs.
Study of selected great works of Spanish-American literature from modernism to the present. Offered in the spring semester.
Prerequisite(s): SP 353, SP 356, and SP 366, (or SP 364); or permission of the instructor.

SP 377. Introduction to US Latino literatures and cultures. 3 sem. hrs.
The purpose of the course is to serve as introduction to the emergence and development of US Latino Studies, with a special focus on the literatures, arts and cultures of the different groups of Hispanics in the US. To that aim, the course presents a body of literary works and cultural artifacts (films, music, visual arts, etc) that are essential in the establishment and development of the literatures and cultures of Latinos in the US. Additionally, the course seeks to develop and enhance awareness of the Hispanic presence in the United States, and studies these cultures and literatures in relation to comparison to Spanish American and US literatures and cultures. We will also pay attention to socio-historical aspects that are instrumental in contextualizing the literary text.
Prerequisite(s): SP 353 SP 356 or permission from the instructor.

SP 389. Spanish Outreach. 3 sem. hrs.
The Spanish Outreach Program is a unique service learning class that seeks to place Spanish majors and minors as semester interns in local schools where they will assist our younger members of society with individual tutoring, comprehension of lesson, personal dialogue, interpretation, and other language based tasks. At the same time the UA "Outreachers" can hone their linguistic skills while they serve the Tuscaloosa-Northport community.
Prerequisite(s): SP353 SP356 Must be a major or minor in Spanish Minimum GPA of 3.0 Must interview with Program Director.

SP 390. Special Topics. 1-6 sem. hr.
Special studies on topics related to Spanish language, literature, and culture. The content of the course varies from semester to semester. A maximum of 6 credit hours may be earned in SP 390.
Prerequisite(s): SP 353 and SP 356; and (SP 364 or SP 366).

SP 426. 20th Cent Spanish Lit II. 3 sem. hrs.
Reading and discussion of complete texts representative of the literary movements of the period; lectures and reports. Offered in alternate years.
Prerequisite(s): SP 353, SP 356 and two of the following: SP 371, SP 372, SP 375, SP 376 or US Latino Literature.

SP 483. Intro to Spanish Linguistics. 3 sem. hrs.
In the Introduction to Spanish Linguistics we study the Spanish language using linguistic analysis in order to discover its underlying structure, which may be taken for granted when simply speaking the language. We examine several topics, including the sound system of the language (phonology), how words are formed (morphology), how phrases and sentences are created (syntax), and how words develop different meanings (semantics and pragmatics). In addition, we discuss other areas such as the evolution of Spanish from Latin, and language variation and change (dialectology and sociolinguistics). Taught in Spanish.
Prerequisite(s): SP 353 and SP 356 or permission of instructor.

SP 484. Phonetics And Pronunciation. 3 sem. hrs.
Introduction to Spanish phonetics with emphasis on the development of correct pronunciation and basic phonetic transcription.
Prerequisite(s): SP 353, SP 356, and two of the following: SP 371, SP 372, SP 375, SP 376 or US Latino literature.

SP 485. Open Topics in Linguistics. 3 sem. hrs.
Topics vary. Sample topic History of the Spanish Language: This course provides students with an examination of the evolution of Spanish from Latin to modern Spanish. Both internal and external factors will be addressed, including sound change, word formation, syntax and vocabulary, as well as influence from other languages. In doing so, students will be able to observe how variation in earlier forms of Spanish has lead to the creation of different dialects found in modern Spanish. Students will also have the opportunity to analyze medieval and classical Spanish texts in order to trace the development of Spanish along different levels of linguistic analysis. The role of orthography at the various stages of evolution will also be addressed. Taught in Spanish.
Prerequisite(s): SP 353 and SP 356 or permission of instructor.
THAI 101. Elementary Thai. 3 sem. hrs.
Contemporary Thai: speaking, reading, and writing. Course involves directed self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a "language trainer" who is a native/near native/superior level speaker of the language. Not repeatable without permission of the CLC director. Offered each semester. Prerequisite(s): THAI 101.

THAI 201. Intermediate Thai. 3 sem. hrs.
Continuation of Thai language on the intermediate level. Emphasis is on the development of reading skills and writing proficiency. Not repeatable without permission of the CLC director. Offered according to demand. Prerequisite(s): THAI 101.

Theatre (TH) Courses

TH 113. Voice And Diction. 3 sem. hrs.
Credit for this course will not be awarded to students majoring or minoring in theatre. A beginning course designed to assist the student in improving use of his or her voice and speech. Offered annually and in the summer session.

TH 114. Intro To The Theatre. 3 sem. hrs.
Introduction to the theatre through the study of plays, stage histories, practitioners, elements of theatre and production techniques.***This course does not count toward the theatre major.

TH 115. Beginning Acting. 3 sem. hrs.
Credit for this course will not be awarded to students majoring or minoring in theatre. Training in the basic elements of the actor's craft. Additional hours in related theatre activities may be required.

TH 120. Principles Of Stage Design. 3 sem. hrs.
An introduction to the various areas of theatrical design and technology, including but not limited to scenery, costumes, lighting, sound, and makeup.

TH 141. Acting I. 3 sem. hrs.
The course is designed to introduce the beginning student to the art and craft of acting.

TH 165. Musicanship Theatre Perform I. 3 sem. hrs.
A course in basic musical theatre skills, including sight-singing, playing keyboard instruments, singing in harmony, phonetic transcription, and audition techniques.

TH 166. Musicanship Theatre Perf II. 3 sem. hrs.
A continuation of TH 165, featuring more advanced work in sight-singing, keyboard, ensemble singing, and audition techniques. May be repeated for a maximum of 6 hours. Prerequisite(s): TH 165.

TH 175. The Singing Voice. 2 sem. hrs.
The class is designed to introduce students to basic concepts of vocal technique and musicanship through practical application.

TH 220. Fundamental Stage Scenery. 3 sem. hrs.
Required lab. Survey of the techniques for building, rigging, and painting scenery for various forms of production. Emphasis is on scenery for the stage.

TH 230. Stage Makeup. 2 sem. hrs.
Required lab. Principles of and practical work in all types of stage makeup.

TH 231. Beginning Costume Construction. 3 sem. hrs.
A studio course in basic pattern making, cutting, and construction techniques. Additional hours in related theatre activities may be required.

TH 233. Beginning Costume Design. 3 sem. hrs.
An introductory course implementing the principles of design as related to costumers. Prerequisite(s): TH 120.

A beginning course in the proper use of the vocal instrument for performance.

TH 242. Acting II Intro to Scene Study. 3 sem. hrs.
Majors- only advanced acting course. An in depth study of various techniques used to explore an acting scene in performance; advanced personalization, intense experiential analysis of emotional and intellectual transitions in a text, and specific physical and musical improvisations, which combine to form the basis of a "Simulated Experience" of the character. Students will explore works from the Realistic Period as well as modern texts, in order to develop a personal technique applicable to any material the actor might encounter, both classical and contemporary. Prerequisite(s): TH 141.

TH 245. Tch Theatre: Performance. 3 sem. hrs.
Survey of the practical and theoretical knowledge necessary to teach theatre. Topics include acting, directing, choosing plays for production, and rehearsal techniques.
TH 290. Theatre Practicum. 1 sem. hr.
Participation in University Theatre productions. Assignments in scenery, lighting, properties, sound, costuming, publicity, rehearsal, and performance, etc. (Maximum 2 hours).

TH 291. Practicum I. 1 sem. hr.
Participation in University Theatre productions through a rotation of assignments in the scene shop, costume shop, box office, deck crews, and performance.

TH 322. Fund Of Stage Lighting. 3 sem. hrs.
Required lab. Survey of materials and techniques employed in executing stage lighting for both the legitimate stage and television.
Prerequisite(s): TH 120 or TH 220.

TH 324. Lighting and Sound for Dance. 3 sem. hrs.
A technical production course specifically for dance majors covering the practical aspects of theatre technology.

TH 351. American Music Theatre History. 3 sem. hrs.
This course provides you with a review of the historical genres, circumstances and catalogue of material that developed the American musical theatre from its ministril beginnings to the multi-million dollar spectacles of today.

TH 361. Beginning Directing. 3 sem. hrs.
Study of the principles and techniques of directing plays. Additional hours of related theatre activities are required.
Prerequisite(s): TH 141 and TH 120 or TH 220.

TH 365. Stage Management. 3 sem. hrs.
The study of the professional stage manager's process: preparing and running rehearsal and performance, conflict resolution, and general responsibilities as defined by Actor's Equity Association. Required production element outside of class.
Prerequisite(s): TH 141 and TH 120 or TH 220.

This class is designed to further students' understanding of basic concepts vocal technique and musicianship through practical application. Students will discuss various topics related to singing and will further explore those topics through performance. Students will give four solo performances over the course of the semester per the schedule listed below.
Prerequisite(s): TH 175.

TH 390. Theatre Practicum II. 1 sem. hr.
Participation in University theatre productions. Assignments in scenery, costumes, lighting, sound, management, rehearsal, performance, etc.
Prerequisite(s): TH 290.

TH 391. Practicum II. 1 sem. hr.
Participation in University Theatre production in the area[s] of your preference (availability permitting). Opportunities in scenery, lighting, properties, sound, costuming, publicity, musical theatre, stage management, and performance, etc.
Prerequisite(s): TH 291.

TH 415. Properties Construction. 3 sem. hrs.
A studio course introducing the multitude of techniques used by the props artisan to create hand props, furniture, and other set dressings.
Prerequisite(s): TH 120 or TH 220.

TH 419. Electricity and Electronics for the Stage. 3 sem. hrs.
This course provides study and studio work in aspects of electricity and electronics with reference to understanding, usage, and design of systems for theatrical production. This course will cover the essential concepts of electrical theory for both AC and DC systems. The student will not only be exposed to theory, but will also have hands-on experience. As a large portion of the subject matter of the class deals in scientific theory and computations, competency in basic mathematics and algebra is essential.
Prerequisite(s): TH 220 or Instructor Approval.

TH 420. Technical Direction. 3 sem. hrs.
This course will provide students with an overview of the technical design, construction techniques, and the administrative and management functions that are a part of the field of technical direction.
Prerequisite(s): TH 220 and TH 423.

TH 421. Period Decor. 3 sem. hrs.
A survey of period architecture, art, and decorations as they apply in research for theatrical design and productions.
Prerequisite(s): TH 120 or TH 220.

TH 422. Scene Design. 3 sem. hrs.
A studio course exploring the process and techniques of scene design. Students will design about ten projects from three to five plays.
Prerequisite(s): TH 120 or TH 220 or TH 423.

TH 423. Drafting For Theatre. 3 sem. hrs.
A studio course exploring traditional and computer based techniques of technical drafting as applied to the theatre. Skills learned will include orthographic and isometric projections, ground plans, sections, perspective drawing, and layout.
Prerequisite(s): TH 120 or TH 220.

TH 424. Adv Scene Design. 3 sem. hrs.
A studio course in drafting, drawing, and painting techniques for the stage designer.
Prerequisite(s): TH 120 or TH 220.

TH 425. Scene Painting. 3 sem. hrs.
A studio course in the materials and techniques for painting and creating surfaces for stage scenery. A materials fee of $35 is required.
Prerequisite(s): TH 120 or TH 220.

TH 426. Sound Prod Tech Th Dn. 3 sem. hrs.
The course provides the student with a working knowledge of sound production. It emphasizes the creation of sound files for theatre and dance, and the setup and maintenance of sound reproduction and modification equipment.

A studio course exploring the creation of technical drawings through Computer Aided Drafting. Skills learned will include commands for drawing, layout of information, and other CAD techniques.
Prerequisite(s): TH 120 or TH 220.

TH 430. Hy Costume For Stage. 3 sem. hrs.
Historical study of dress in relation to costuming for the stage.
Prerequisite(s): TH 120 or TH 220.

TH 432. Costume Constructu II. 3 sem. hrs.
A studio course in advanced costume construction techniques and/or costume crafts. Topics may include tailoring, corsetry, millinery, armor, wigs, masks, and jewelry. May be repeated for credit.

TH 433. Costume Design I. 3 sem. hrs.
A studio course in costume design, principles, and presentation.
Prerequisite(s): TH 120.

TH 434. Costume Design II. 3 sem. hrs.
Continued, advanced study of the material in TH 433. Projects address specific problems in design.
Prerequisite(s): TH 433.

TH 435. Presentation for Designers. 3 sem. hrs.
Preparation of "hard," digital and web-based portfolio presentations. Also included is information on presentation in a professional setting, such as a job interview or adjudication.

TH 436. Fabric Modification. 3 sem. hrs.
Course Description: This course explores and introduces a variety of techniques in which to modify the original appearance and/or intent of fibres and fabrics. This is done through the use of various dyes/techniques, surface treatment, use of non-traditional materials and restructuring of fibers.

TH 437. Drawing for Stage Designs. 3 sem. hrs.

TH 438. . 3 sem. hrs.
Prerequisite(s): TH 432 or TH 231.

TH 439. Advanced Stage Makeup. 3 sem. hrs.
A studio course using a variety of materials in the art of mask making, hair ventilating, and prosthetics.
Prerequisite(s): TH 230.

TH 440. Stage Movement III. 3 sem. hrs.
Advanced theory and practice of specific stage movement, such as clowning, mask, stage combat, mime, etc. May be repeated for a maximum of 6 hours for differing topics.
Prerequisite(s): TH 240.

TH 441. Acting III: Advanced Scene Study. 3 sem. hrs.
Thorough exploration of character study, script analysis, and scene work for the actor.
Prerequisite(s): TH 242.

TH 442. Careers In Prof Theatre. 3 sem. hrs.
The course focuses on audition and interview techniques, the union, and resume writing and other skills required to apply for positions in the academic and professional theatre.
Prerequisite(s): TH 441.

TH 444. Acting 4: Comedy and Film. 3 sem. hrs.
Study and practice of acting styles from 1900 to the present, concentrating on classical comedy, high comedy, situation comedy and acting for the camera.
Prerequisite(s): TH 242 and TH 441.
**TH 445. Acting Shakespeare. 3 sem. hrs.**
Study and practice of acting in verse drama, concentrating on the particular demands of Shakespeare’s works.
Prerequisite(s): TH 242 and TH 441.

**TH 446. Adv Voice Speech Perform. 3 sem. hrs.**
Intensive exercises and practice for acquiring acceptable use of voice and speech for performance. This course is repeatable up-to 6 hours.
Prerequisite(s): TH 446.

**TH 447. Stage Dialects. 3 sem. hrs.**
Study of stage dialects for the performer. Offered in alternate years. This course is repeatable up-to 6 hours.
Prerequisite(s): TH 447.

**TH 448. Rehearsal Process. 3 sem. hrs.**
In this acting course, students analyze and participate in the rehearsal process of both unpublished and published scripts.
Prerequisite(s): TH 441.

**TH 451. Hist Of The Theatre I. 3 sem. hrs.**
Covers the period from western theatre’s beginnings to the 18th century. This course is restricted to Seniors or by permission of the Instructor.
Prerequisite(s): TH 120 or TH 220.

**TH 452. History Of The Theatre II. 3 sem. hrs.**
Covers the period in western theatre from late 18th century Romanticism to the current 21st century theatre. This course is restricted to seniors, or by permission of the Instructor.
Prerequisite(s): TH 120 or TH 220.

**TH 458. American Feminist Theatre. 3 sem. hrs.**
Survey of dramas, performances, criticism and theory since 1900 in American Theatre. Offered every three years.
Prerequisite(s): TH 120 and TH 220.

**TH 461. Advanced Directing. 3 sem. hrs.**
Through class discussions and presentations of various styles, theories and approaches to the craft and art of directing, students will apply new ideas and concepts in a practical, hands-on studio setting. This studio work will be augmented with the direction of a short one-act play or extended scene with minimal, “bare-bones” production value at the end of the semester.
Prerequisite(s): TH 120 or TH 220.

**TH 465. Musical Theatre Performance I. 3 sem. hrs.**
A course in musical theatre scene study, in which acting, singing, and movement skills are blended in the performance of songs and scenes.
Prerequisite(s): TH 166.

**TH 466. Musical Theatre Performance II. 3 sem. hrs.**
A special topics course exploring such areas as musical theatre history, cabaret performance, in-depth study of a single work, etc.
Prerequisite(s): TH 465.

**TH 467. Musici Theatre Repertoire Coac. 0.5-2 sem. hrs.**
Individual coaching in musical repertoire, musical and dramatic performance techniques, and skills crucial to learning and rehearsing new material.
Prerequisite(s): TH 166 and THMT 174, TH 174, or MUA 174.

**TH 470. Theatre Management. 3 sem. hrs.**
This course will provide students with an overview of the administrative and management functions in the not-for-profit organizations, and the commercial theatre industry.
Prerequisite(s): TH 120 or TH 220.

**TH 482. Playwriting I. 3 sem. hrs.**
The course introduces the fundamentals of writing for the stage. Practical instruction in playwriting includes an opportunity to write a one-act play. This course is offered in alternate years.
Prerequisite(s): TH 120 or TH 220.

**TH 483. Playwriting II. 3 sem. hrs.**
An advanced course in playwriting concentrating on full-length play forms, draft revisions, and the script development process. Offered in alternate years.
Prerequisite(s): TH 120 or TH 220.

**TH 491. Practicum III. 1 sem. hr.**
Participation in University Theatre production through performance and design/leadership assignments in scenery, lighting, properties, sound, costumes, publicity, musical theatre, and stage management, theatre management, etc.
Prerequisite(s): TH 391.

**TH 499. Independent Study. 1-4 sem. hr.**

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**Theatre-Musical Theatre (THMT) Courses**

**THMT 174. Freshman Musical Theatre Voice. 0.5-2 sem. hrs.**
Private Instruction. This class is designed to work on vocal technique, including but not limited to, breathing, resonance, coordination of vocal registers, and musical theatre repertoire.
Prerequisite(s): Acceptance into the Musical Theatre Program, by audition only.

**THMT 274. Sophomore MTVoice. 0.5-2 sem. hrs.**
Private Instruction. This class is designed to work on vocal technique, including but not limited to, breathing, resonance, coordination of vocal registers, and musical theatre repertoire.
Prerequisite(s): THMT 174 or TH 174.

**THMT 374. Junior Musical Theatre Voice. 0.5-2 sem. hrs.**
Private Instruction. This class is designed to work on vocal technique, including but not limited to, breathing, resonance, coordination of vocal registers, and musical theatre repertoire.
Prerequisite(s): Permission of the instructor or THMT 274.

**THMT 474. Senior MTVoice. 0.5-2 sem. hrs.**
Private Instruction. This class is designed to work on vocal technique, including but not limited to, breathing, resonance, coordination of vocal registers, and musical theatre repertoire.
Prerequisite(s): THMT 374 or TH 374.

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**Turkish (TURK) Courses**

**TURK 101. Elementary Turkish. 3 sem. hrs.**
Contemporary Turkish: speaking, reading, and writing. Course involves directed-self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a “language trainer” who is a native/near native (or superior level) speaker of the language. Native speakers of this language cannot take this course. Any students with background knowledge of this language must see the CLC director for permission before registering. Not repeatable without permission of the CLC director. Offered each semester.

**TURK 102. Elementary Turkish. 3 sem. hrs.**
Contemporary Turkish: speaking, reading, and writing. Course involves directed self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a “language trainer” who is a native/near native/superior-level speaker of the language. Not repeatable without permission of the CLC director.
Prerequisite(s): TURK 101.

**TURK 201. Intermediate Turkish. 3 sem. hrs.**
Continuation of Turkish language on the intermediate level. Emphasis is on the development of reading skills and writing proficiency. Not repeatable without permission of the CLC director. Offered according to demand.
Prerequisite(s): TURK 102.

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**Urdu (URDU) Courses**

**VIET 101. Elementary Vietnamese. 3 sem. hrs.**
Contemporary Vietnamese: speaking, reading, and writing. Course involves directed self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a “language trainer” who is a native/near native (or superior level) speaker of the language. Native speakers of this language cannot take this course. Any students with background knowledge of this language must see the CLC director for permission before registering. Not repeatable without permission of the CLC director.

**VIET 102. Elementary Vietnamese. 3 sem. hrs.**
Contemporary Vietnamese: speaking, reading, and writing. Course involves directed self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audio visual materials (CDs, DVDs, or computer files). Students have practice sessions three hours per week with a “language trainer” who is a native/near native/superior-level speaker of the language. Not repeatable without permission of the CLC director.

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**Vietnamese (VIET) Courses**

**WS 200. Intro To Women Studies. 3 sem. hrs.**
An interdisciplinary course examining the roles of women in patriarchal society, with emphasis on how factors such as race, class, gender, and sexuality contribute to the oppression of women and ways they can be challenged through feminist critical practices.

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WS 205. Women’s Autobiographies. 3 sem. hrs.
Through an examination of women’s autobiographical writings, the roles women have assumed in different cultures and periods are considered. Analytical techniques from the study of art, literature and psychology are used to discover issues inherent in women’s experiences.

WS 220. Mothers And Daughters. 3 sem. hrs.
Investigation of the institution of motherhood, the forces shaping it, and the significance of mother-daughter relationships.

WS 240. Culture Sou Blk Women. 3 sem. hrs.
The history and culture of black women in the South are examined through essays, creative writing, film, music, first-person narrative, and field research.

WS 310. Special Topics. 3 sem. hrs.
Changing topics: for example, women and work, women in the world, social inequality.

WS 340. Women And Law. 3 sem. hrs.
This seminar’s major focus is the impact of law on the status and lives of women.

WS 342. Women in the South. 3 sem. hrs.
Examination of the cultural concepts, myths, and experiences of black and white Southern women from a variety of economic and social backgrounds. Special attention is given to the interaction of race, class, and gender in Southern women’s lives. Texts include historical studies, autobiographies, biographies, oral histories and novels written by and about women in the 19th and 20th-century South. Writing proficiency within this discipline is required for a passing grade in this course.

WS 352. Social Inequality. 3 sem. hrs.
Analysis of inequities of wealth, power, and prestige; major theories of racial and cultural minorities; behavioral correlates of stratification; social mobility.

WS 410. Essential Readings & Writings in Women’s Studies. 3 sem. hrs.
This course explores texts and themes central to the interdisciplinary field of Women’s and Gender Studies. Course texts may include theoretical, expository, autobiographical, and fictional writings from early feminism as well as contemporary selections. Writing proficiency within this discipline is required for a passing grade in this course.

Through the study of key feminist political and theoretical texts on an issue central to contemporary feminism, students in this seminar will develop advanced undergraduate research skills and gain a substantial foundation for further study, including graduate work in this area. Writing proficiency is required for completing this course. 
Prerequisite(s): WS 200 or permission from the instructor.

WS 435. Black Feminism. 3 sem. hrs.
This upper level undergraduate and graduate course exposes students to the key figures, texts and concepts that constitute black feminist thought.
Prerequisite(s): AAST 201 or WS 200.

WS 440. Seminar in Women’s Studies. 3-9 sem. hrs.
Courses under this rubric are designed to investigate a particular subject supplemental to regular course offerings. Students in this senior seminar will develop advanced undergraduate research skills and gain a substantial foundation for further study, including graduate work in this area.
Prerequisite(s): WS 200 or permission of the instructor.

WS 442. Writings in Women’s Studies. 3 sem. hrs.
This course will provide students with a writing course in topics important to contemporary feminist theory. Among the topics will be a study of classical texts, such as Antigone, for gender politics, the development of student training in areas of feminist analysis from within the fields of natural science, political science, English, anthropology, rhetoric, art, economics, and American Studies. Demonstrated writing proficiency is a requirement for successful completion of the course. Students will complete at a minimum 5 short papers of from 1-3 pages each, essays derived from course readings and topical assignments, as well as a longer paper of from 7-10 pages. Instructor assessment of student writing and constant feedback is an important part of the course, and students will be asked to develop their own writing through in class assignments as well. Students will read a considerable amount of material in feminist analysis, comment upon this, and engage in classroom discussions on a regular basis. 
Prerequisite(s): None.

WS 450. Independent Study in Women’s Studies. 1-6 sem. hr.
Independent study on any subject pertaining to Women’s and Gender Studies conducted under the supervision of a professor in the chosen field. 
Prerequisite(s): Permission of the supervisor and arrangement in advance of the semester in which enrollment is planned.