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# Home

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Wofford College, established in 1854, is a four-year, residential liberal arts college nationally known for the strength of its academic program, outstanding faculty, study abroad participation and successful graduates.

Wofford creates an environment where every part of college life - academics, athletics, residence life and co-curricular programming - works in concert to prepare students for lives of lifelong learning, leadership and citizenship.

## ***Catalog View***

If you prefer a PDF version of the catalog or a specific page, you can view/access that type of display at the top by selecting *Print Options*.

# Disclaimer

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While Wofford College reserves the right to make changes in its calendar, policies, regulations, fees, prices, and curriculum, the information in this Catalog accurately reflects policy and states progress requirements for graduation effective August 10, 2023.

Wofford College does not discriminate on the basis of race, color, creed, religion, sex, age, national origin, disability, veteran status, sexual orientation or any legally protected status.

Wofford College  
429 North Church Street  
Spartanburg, SC 29303-3663  
(864) 597-4000  
wofford.edu (<http://www.wofford.edu/>)

## FERPA

Wofford College complies with the amended Family Educational Rights and Privacy Act of 1974 (commonly referred to as the "Buckley Amendment or 'FERPA'"). FERPA is designed to protect the confidentiality of records that educational institutions maintain on their students and to give students the right to access those records to assure the accuracy of their contents. Generally, FERPA requires that written consent from the student be received before personally identifiable information about the student is released. Institutions may release, without written consent, those items specified as public or directory information. Wofford's annual FERPA notice can be found both in this *Catalog* and on the Registrar's website (<https://www.wofford.edu/academics/registrar/policies-compliances/ferpa/>).

The following is a brief summary of each student's rights under the Family Education Rights & Privacy Act (FERPA).

1. The right to inspect and review your education record within 45 days of the day the College receives a request for access.
2. The right to request an amendment of your education record if you believe it is inaccurate or misleading.
3. The right to consent to the disclosure of personally identifiable information contained in your education record, except to the extent that FERPA authorizes disclosure without consent.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA.

The name and address of the office that administers FERPA is:  
Family Policy and Compliance Office  
U.S. Department of Education  
400 Maryland Avenue, SW  
Washington, DC 20202-4605  
FERPA@ed.gov  
<https://studentprivacy.ed.gov/>

## Title IX

Wofford College is committed to providing an educational and work environment, including programs and activities, that is free from discrimination, harassment, and retaliation. In compliance with Title IX of the Education Amendments of 1972, Wofford College does not discriminate against any employee, applicant for employment, student, or applicant for admission on the basis of sex. Policies and procedures for

addressing complaints of discrimination and harassment can be found at [www.wofford.edu/titleix](https://www.wofford.edu/titleix) (<https://www.wofford.edu/administration/title-ix/>).

Inquiries related to the application of Title IX at Wofford should be referred to the college's Title IX coordinator:

Matthew Hammett  
429 North Church Street  
Snyder House Annex  
Spartanburg, SC 29303  
(864) 597-4048  
hammettmk@wofford.edu

Individuals may also inquire externally to the Department of Education:  
Office for Civil Rights (OCR)

U.S. Department of Education  
400 Maryland Avenue, SW  
Washington, D.C. 20202-1100  
(800) 421-3481  
OCR@ed.gov|  
<http://www.ed.gov/ocr> (<http://www.ed.gov/ocr/>)

## Veterans Benefits

Wofford College will not impose any penalty including late fees, denial of access to classes, library, or other institutional facilities, or require that any covered individual borrow additional funds because of the individual's inability to meet his/her financial obligations due to the delayed disbursement of funding from the VA under Chapter 31 or Chapter 33.

# Academic Calendar

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## Fall Semester 2022

### August

27	Saturday	First-Year Move-In Day
28-30	Sunday-Tuesday	New Student Orientation
29-30	Monday-Tuesday	Pre-Session, Faculty Workshops, Meetings
31	Wednesday	First Day of Class

### September

1	Thursday	Opening Convocation
2	Friday	Classes Meet According to a Monday Schedule
5	Monday	Labor Day Holiday, No Class
7	Wednesday	Last Day to Add/Drop

### October

11-14	Tuesday-Friday	Registration for Interim 2023
20-21	Thursday-Friday	Fall Academic Holiday
21	Friday	Mid-Term
24	Monday	Mid-Term Grades Due @ 5:30 pm

### November

4	Friday	Last Day to Withdraw from a Course Without Penalty (W)
8-11	Tuesday-Friday	Registration for Spring 2023, Register for Maximum of 16 Hours
15	Tuesday	Add/drop Opens for Interim & Spring 2023
21-25	Monday-Friday	Thanksgiving Holiday, No Class
28	Monday	Classes Resume

### December

6	Tuesday	First Interim Class @ 11:00 am (Professor's Option)
9	Friday	Last Day to Add/Drop Interim Class Thru myWofford
9	Friday	Last Day of Class
12-16	Monday-Friday	Final Examinations
19	Monday	Final Grades Due @ 5:30 pm

## Interim 2023

### January

8	Sunday	Residence Halls Open
9	Monday	First Day of Interim Class
10	Tuesday	Last Day to Add/Drop Interim Class Thru the Registrar's Office
16	Monday	Martin Luther King Jr. Holiday, No Class

### February

2	Thursday	Last Day of Interim Class
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## Spring 2023

### February

5	Sunday	Check-in for New Resident Students
6	Monday	First Day of Class
10	Friday	Last Day to Add/Drop
13	Monday	Interim Grades Due @ 5:30 pm

21	Tuesday	Registration for Summer 2023 Available
<b>March</b>		
24	Friday	Mid-Term
27	Monday	Mid-Term Grades Due @ 5:30 pm
<b>April</b>		
3-7	Monday-Friday	Spring Holiday
10	Monday	Classes Resume
14	Friday	Last Day to Withdraw from a Course Without Penalty (W)
25-28	Tuesday-Friday	Registration for Fall 2023
<b>May</b>		
2	Tuesday	Add/Drop Opens for Fall 2023
12	Friday	Last Day of Class
15-19	Monday-Friday	Final Examinations
19	Friday	Grades Due for Graduating Seniors @ 5:30 pm
20-21	Saturday-Sunday	Commencement Weekend
21	Sunday	Commencement
22	Monday	Final Grades Due @ 5:30 pm

## Summer I Term 2023

<b>June</b>		
5	Monday	First Day of Class
6	Tuesday	Last Day to Add/Drop
23	Friday	Last Day to Withdraw from a Course Without Penalty (W)
<b>July</b>		
3-4	Monday-Tuesday	July 4th Holiday Holiday, No Class and Offices Closed
6	Thursday	Last Day of Class
7	Friday	Final Exams
10	Monday	Final Grades Due @ 5:30 pm

## Summer II Term 2023

<b>July</b>		
10	Monday	First Day of Class
11	Tuesday	Last Day to Add/Drop
28	Friday	Last Day to Withdraw from a Course Without Penalty (W)
<b>August</b>		
8	Tuesday	Last Day of Class
9-10	Wednesday-Thursday	Final Exams
14	Monday	Final Grades Due @ 5:30 pm

# The College

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## Mission

Wofford's mission is to provide superior liberal arts education that prepares its students for extraordinary and positive contributions to society. The focus of Wofford's mission is upon fostering commitment to excellence in character, performance, leadership, service to others, and life-long learning.

*Adopted by the Board of Trustees, May 5, 1998*

## Accreditation

Wofford College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award baccalaureate degrees. Questions about the accreditation of Wofford College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website ([www.sacscoc.org](http://www.sacscoc.org) (<http://www.sacscoc.org>)).

## Degrees

The college grants the degrees of Bachelor of Arts and Bachelor of Science, and also confers appropriate honorary degrees.

## Phi Beta Kappa

Phi Beta Kappa is America's oldest and most widely recognized collegiate honor society. It was founded in 1776 at the College of William and Mary. As of 2021, there were 290 chapters at the strongest and best-respected colleges and universities in the country. Each chapter may elect about 10 percent of the eligible students in each graduating class.

Since 1941, Wofford has served as the host institution for Beta chapter of South Carolina by demonstrating that the liberal arts and sciences—the traditional core of higher learning—are at the center of its educational program. By attending a Phi Beta Kappa college and being elected to membership in the society, Wofford men and women become associated with a group that fosters freedom of inquiry and expression, disciplinary rigor in learning, breadth of perspective, diversity of opinion, and the application of the skills of deliberation in the pursuit of a more just and peaceful world. With about 600,000 living members, the society offers ample opportunities for networking with other Phi Beta Kappa key holders in the United States and abroad.

## The Academic Program

The academic program, the primary means by which Wofford College seeks to realize its purpose, is based upon a liberal arts curriculum that provides an academic experience focused on developing abilities that enable students to possess lives of service, success and fulfillment. A liberal arts education emphasizes general knowledge and intellectual skills. It acquaints students with the best of human cultural heritage and develops their abilities to think, learn, communicate, judge, adapt, and solve problems. A liberal arts education promotes character and mature ethical choices.

## Athletics

Wofford College is a member of the National Collegiate Athletic Association Division I, with Division I FCS football, and of the Southern Conference. It conforms to the rules and requirements of both organizations. Wofford fields men's intercollegiate teams in football, basketball, baseball, outdoor track, indoor track, cross country, golf, riflery, soccer, and tennis; and women's teams in basketball, cross country, golf, indoor track, lacrosse, outdoor track, riflery, soccer, tennis and volleyball.

## History of the College

On July 4, 1851, the future Methodist Bishop William Wightman came to a beautiful site on a high ridge overlooking the tiny courthouse village of Spartanburg, S.C. As more than 4,000 people looked on, he made the keynote address while local Masons laid the cornerstone for Wofford College. A distinguished clergyman and journalist as well as the chair of the college's board of trustees, Wightman stressed that the new institution would pattern itself after neither the South's then-elitist public universities nor the narrowly sectarian colleges sponsored by some denominations. Instead, he argued, "It is impossible to conceive of greater benefits — to the individual or to society — than those embraced in the gift of a liberal education, combining moral principle ... with the enlightened and cultivated understanding which is the product of thorough scholarship."

Wofford later experienced both good times and hard times, but it stands nearly 170 years later as one of a handful of American colleges founded before the Civil War and operating continuously and successfully on its original campus. It has offered carefully selected students a respected academic program, tempered with concern for the individual. It has respected the virtues of continuity and heritage while responding with energy, optimism and excitement to the challenges of a changing world.

Like many of America's philanthropic institutions, Wofford came about because of the vision and generosity of an individual. Benjamin Wofford was born in rural Spartanburg County on Oct. 19, 1780. Sometime during the great frontier revivals of the early 19th century, he joined the Methodist Church and served as a circuit rider (itinerant preacher) for several years. He traveled in the west, but was not ordained there because that Methodist conference refused to ordain slaveholders. He was later ordained in South Carolina, which allowed its clergy to own enslaved persons. In 1807, he married Anna Todd and settled down on her family's prosperous farm on the Tyger River. He left the active ministry upon the death of Anna's parents to manage their holdings. From this marriage, which ended with Anna's death in 1835, Wofford acquired the beginnings of his fortune. A year later, at the age of 56, the widower married a much younger woman from east Tennessee, Maria Barron. They moved to a home on Spartanburg's courthouse square, where he could concentrate on investments in finance and manufacturing. It was there that Benjamin Wofford died on Dec. 2, 1850, leaving a bequest of \$100,000 to "establish a college of literary, classical and scientific education to be located in my native district and to be under the control and management of the Methodist Church of my native state." It proved to be one of the largest financial contributions made to American higher education prior to the Civil War. The trustees named in his will met at Spartanburg's Central Methodist Church and agreed that the college should be located in the village rather than in a rural setting, and acquired the necessary land on the northern edge of the town. The college charter from the South Carolina General Assembly is dated Dec. 16, 1851.

The trustees retained one of the state's leading architects, Edward C. Jones of Charleston, to design the college's Main Building. Although landscaping plans were never fully developed in the 19th century, sketches exist to show that the early trustees envisioned a formal network of pathways, lawns and gardens that would have left an impression quite similar to the college's present National Historic District. The original structures included a president's home (demolished early in the 20th century); four faculty homes (still in use today for various purposes); and the magnificent Main Building. Known as simply as "The College" for many years, the latter structure remains one of the nation's outstanding examples of "Italianate" or "Tuscan Villa" architecture.

Construction finally began in the summer of 1852 under the supervision of Ephraim Clayton of Asheville, N.C. Records indicate that a number of enslaved persons worked on the various construction teams. Among them were individuals who made the bricks on site and skilled carpenters who executed uniquely beautiful woodwork, including a pulpit and pews for the chapel. The college bell arrived from the Meneely Foundry in West Troy, N.Y., and, from the west tower of "Old Main," it continues to sing out as the "voice of Wofford." The exterior of the building today is true to the original design, but the interior has been modernized and renovated three times — in the early 1900s, in the early 1960s, and in 2005-2007.

In the late summer of 1854, three faculty members and seven students took up their work, with more students arriving in the winter. Admission was selective; the prospective students had been tested on their knowledge of English, arithmetic and algebra, ancient and modern geography, and Latin and Greek. By the second year, five faculty members, the full complement envisioned by the trustees, were on campus. In addition to teaching the entire curriculum, they also handled many administrative details. All of the original faculty, including the college's first three presidents, were slaveholders, and the treasurer's books indicate that the college treasurer paid a colleague for work that one of his enslaved men performed for the college.

The college awarded its first degree in 1856 to Samuel Dibble, a future member of the United States Congress. By 1860, the college had awarded some 48 more degrees, and 79 students were engaged in coursework in the 1859-60 school year. In 1859, President William Wightman resigned to launch yet another Methodist college, one that eventually became Birmingham-Southern in Alabama. His successor, the Rev. Albert M. Shipp, was a respected scholar who was immediately confronted with the outbreak of the Civil War. Students formed themselves into a militia company, the "Southern Guards," which offered its services to South Carolina's governor. The governor refused, telling them to stay in school. However, many students and young alumni, including two sons of faculty members, were killed in the war. Over the course of the war, the trustees invested their endowment funds, at least \$85,000, in soon-to-be-worthless Confederate bonds, bank stocks, and other securities. (The college still has them in its archives.) The situation was quite dire, but the physical plant remained intact and the professors remained at their posts. Given the disarray of education at all levels, South Carolina Methodists saw the mission of their colleges as more important than ever if a "New South" was to be created.

Shipp remained at the college through the Reconstruction period, departing for a position in Vanderbilt University's theology school in 1875.

Tobias Hartwell, who had come to Spartanburg as Shipp's, bondsman, played a key role in the emerging post-emancipation Black community. Nevertheless, Wofford's history from the end of the Civil War until the early 1900s was dominated by one man — James H. Carlisle. A member of the original faculty and then the 3<sup>rd</sup> president of the college from 1875 through 1902, he initially taught mathematics and astronomy, but his real

strength was his ability to develop alumni of character, one student at a time. Three generations of graduates remembered individual visits with Carlisle in his campus home, now occupied by the dean of students. To them, he was "The Doctor," "Wofford's spiritual endowment," and "the most distinguished South Carolinian of his day."

The curriculum gradually evolved during Carlisle's administration; for example, he shocked everyone by delivering his first presidential commencement address in English rather than in Latin. Nevertheless, many lasting traditions of Wofford life date from his administration. Four surviving chapters of national social fraternities (Kappa Alpha, 1869; Sigma Alpha Epsilon, 1885; Pi Kappa Alpha, 1891; and Kappa Sigma, 1894) were chartered on the campus. Such organizations owned or rented houses in the Spartanburg village, because in those days, professors lived in college housing while students were expected to make their own arrangements for room and board. To meet some of their needs, two students from the North Carolina mountains, Zach and Zeb Whiteside, opened and operated Wofford's first dining hall in Main Building. Union soldiers in Spartanburg during Reconstruction played baseball with Wofford students, and Wofford and Furman University played South Carolina's first intercollegiate football game in December 1889. Students participated actively in literary societies, and members held weekly debates and gave regular orations. The societies started the college's first libraries, and the library's special collections holds many of those original volumes. That same year, students from the societies organized one of the South's earliest literary magazines, *The Journal*. At commencements throughout the period, graduates sang the hymn "From All That Dwell Below the Skies" and each received a Bible signed by faculty members.

In 1895, delegates from 10 of the leading higher education institutions across the Southeast met in Atlanta to form the Southern Association of Colleges and Schools. The organization was conceived by Vanderbilt's Chancellor James H. Kirkland (Wofford Class of 1877), who hoped to challenge peer campuses to attain national standards of academic excellence. Delegates also came from Trinity College in Durham, N.C., which later emerged as Duke University under the presidential leadership of Wofford alumni John C. Kilgo and William Preston Few. Two young outstanding faculty members represented Wofford, A.G. "Knotty" Rembert (Class of 1884) and Henry Nelson Snyder. Perhaps it was the Wofford community's determination to meet the standards for accreditation that later inspired Snyder to turn down an appointment to the faculty at Stanford University to become Carlisle's successor as president in 1902. It was also true that Spartanburg was no longer a sleepy courthouse village — it had become a major railroad "hub city" and was surrounded by booming textile mills. Local civic leaders launched nearby Converse College, which combined liberal arts education for women with a nationally respected school of music. At Wofford, it no doubt seemed possible to dream bigger dreams.

The first decades of Snyder's long administration (1902-1942) were a time of tremendous progress. Main Building finally got electric lights and steam heat. Four attractive red-brick buildings were added to the campus — Whitefoord Smith Library (now the Daniel Building), John B. Cleveland Science Hall, Andrews Field House, and Carlisle Memorial Hall, a large dormitory. Driveways for automobiles were laid out on campus, and rows of water oaks and elms were planted. Enrollment grew beyond 200 students, and by the midpoint of Snyder's administration, the student body consisted of more than 400 students annually. Wofford began to attract faculty members who were publishing scholarly books in their academic specialties. For example, David Duncan Wallace was the pre-eminent South Carolina historian of the day. James A. Chiles published a widely used textbook, and he and his Wofford students founded the



national honorary society for German studies, Delta Phi Alpha. The "Wofford Lyceum" brought William Jennings Bryan, Woodrow Wilson, and other guest speakers to the campus.

Although eight women graduated from Wofford in the classes of 1901-1904, the trustees abandoned the first attempt at coeducation. The cornerstone of residential campus life was an unwritten honor code, for decades administered with stern-but-fair paternalism by the college's dean, A. Mason DuPré. A yearbook was first published in 1904, modern student government began in 1909, and the first issue of a campus newspaper, the *Old Gold & Black*, appeared in 1915. World War I introduced Army officer training to the campus, and at the end of 1919, the Army established an ROTC unit, one of the first such units to be approved at an independent college. Snobbery, drinking, dancing and other alleged excesses contributed to an anti-fraternity "Philanthropean" movement among the students, and the Greek-letter organizations were forced underground for several years. A unique society called the "Senior Order of Gnomes" apparently owed its beginnings to a desire to emphasize and protect certain "old-fashioned" values and traditions associated with the college. Both intramural and intercollegiate sports were popular, with the baseball teams achieving the most prestige. The 1909 team adopted a pit bull terrier ("Jack"), and he proved to be the inspiration for a permanent mascot. Pressure from the church led to the abolition of intercollegiate football for a period as well, as many leaders thought the game too violent and dangerous.

Despite the wide respect Snyder earned in national higher education and Methodist circles, progress in strengthening Wofford's endowment, which was valued at less than \$1 million, was slow. College and community leaders joined in the mid-1920s on a fundraising campaign that did help increase the small endowment. The college was dependent on its annual support from the Methodist Church, which amounted to about one-fourth of the operating budget. This financial weakness became obvious when Southern farm prices collapsed in the 1920s and hard times intensified after the stock market crash of 1929. At the height of the Great Depression, some of the faculty worked without pay for seven months. Emergency economies and a special appeal to South Carolina Methodists were necessary, but by the end of the Snyder administration, the college was debt-free and its academic reputation was untarnished.

The return of financial stability made it possible for Wofford to claim a chapter of Phi Beta Kappa in 1941, the first time such recognition had been extended to an independent college in South Carolina. Soon after this happy occasion, however, the nation plunged into World War II. Wofford graduates served in the military in large numbers, many as junior combat officers or aviators. Seventy-six alumni and students died in the war. Wofford's enrollment was so drastically reduced that the Army took over the campus on Feb. 22, 1943, to offer accelerated academic instruction for Air Corps officers. The faculty and 96 remaining Wofford students did their work at Spartanburg Junior College or at Converse.

After the war, under the stimulus of the G.I. Bill of Rights, enrollment suddenly shot up to 720 during 1947-48. This figure was almost twice the reasonable capacity of Wofford's facilities, already taxed by two decades of postponed maintenance. Compounding the challenge was the fact that South Carolina Methodists deferred any capital projects or strategic planning into the mid-1950s while they tried to decide whether they should unify their colleges on a new, rural campus at the foot of the Blue Ridge Mountains. While the state's Baptists approved such a plan at Furman University, the Methodist institutions ultimately retained their historic identities and campuses.

The only alumnus to serve as president of Wofford, Dr. Walter K. Greene '03, thus suffered through a very stressful administration (1942-1951) that today is remembered primarily as a golden age for Terrier athletics. Under the coaching of Phil Dickens, the 1948 football team set a national record with five straight ties. Wofford then won 15 straight games before losing a 1950 Cigar Bowl match with Florida State. Another celebrated achievement was a 19-14 upset of Auburn to open the 1950 season. Dickens' teams were known for skillful operation of a single wing offense similar to that used at the University of Tennessee as well as solid "Wofford Gold" uniforms, whose coppery color was so close to that of contemporary footballs that it created a nationwide controversy.

Born in the years immediately following World War II, the "Baby Boomers" began moving into elementary schools in the 1950s. During the presidential administrations of Francis Pendleton Gaines (1952-1957) and Charles F. Marsh (1958-1968), the Wofford community laid the foundations to serve this much larger college population. Administration and finances needed the most immediate attention, and Gaines was fortunate to persuade Spartanburg textile executive Roger Milliken to join the board of trustees. Wofford also moved ahead with a series of important building projects that included a complete renovation of Main Building, a new science building, the Sandor Teszler Library, and the Burwell campus center. Four new residence halls built during this period gave occupants a measure of privacy and comfort. Seven fraternity lodges were built on campus to unify and improve Greek life. The new buildings and improved financial management made it possible for the college to expand its enrollment to 1,000 students.

To teach this larger student body, college officials worked hard to recruit outstanding faculty and provide better pay and benefits. Some legendary professors, such as Lewis P. Jones '38 in the history department, arrived within a few years after the war. John Q. Hill '47, a Rhodes scholar, returned to teach mathematics, and Dr. W. Raymond Leonard effectively built a modern biology program. Philip S. Covington, who served as the college's academic dean during the 1950s and 1960s, displayed a remarkable knack for looking beyond an individual's curriculum vitae to spot great teachers. The story goes that he met geologist John Harrington on an airplane flight. Covington talked Harrington into coming to Wofford even though the college had no major in his subject and no plans to add one. "Dr. Rock" taught his famous bus-trip laboratories into the 1970s and changed the lives of countless students.

Despite these efforts, Wofford still was not entirely ready for the "Boomers" when they finally began arriving on campus in the 1960s. As the distinguished sociologist Wade Clark Roof '61 has said, they were (and are) "a generation of seekers" inclined to ask tough questions and unwilling to accept arbitrary authority and institutions. While students did not doubt that administrators cared deeply about their welfare, they still squawked about a long list of rules, room inspections, and twice-a-week mandatory chapel assemblies. Even at this late date, first-year students wore beanies and were "ratted" by upper-class students during their first weeks on campus. As one student remembered, dean of students Frank Logan '41 "couldn't keep you from going straight to hell, but he could relentlessly harass you on your way down."

The period from 1964 to 1976 saw four major transformations in the life of the college, and Wofford emerged from that decade of transition as a changed institution. In the early 1960s, Wofford began to confront its need to become a more inclusive community, a process that remains ongoing. After observing a challenging period of racial desegregation at colleges and universities across the South, the Wofford Board of Trustees in the spring of 1964 announced that applicants for admission henceforth would be considered without regard to race. Wofford thus

became one of the first independent colleges in the deep South take such a step. Albert W. Gray of Spartanburg was the first of several Black men admitted to Wofford after the trustees' announcement, and he enrolled in the fall of 1964. After service in Vietnam delayed his graduation until 1971, Gray later served as a member of the Board of Trustees. Douglas C. Jones enrolled in 1965 and in 1969, became the first person of color to earn a degree at Wofford. Intentional efforts by administrators saw more Black students begin to enroll in the late 1960s and early 1970s.

Although women had attended occasionally in the twentieth century under special circumstances, and during summer sessions, the college was largely known as a college for men. During the 1970-71 academic year, the college decided to admit women as day students, and four women enrolled in February 1971, with a larger number to follow in the fall of 1971. After a study on the future composition of the student body, the trustees voted to admit women as resident students beginning in the fall of 1976. By the mid-1990s, women made up more than 45 percent of the student body. From the beginning, Wofford women were high achievers, winning more than their proportional share of academic honors and exercising effective leadership in campus organizations of every kind.

The college saw more than changes in the student body during this period. The faculty approved several significant changes to the curriculum, and working jointly with the student government, the administration brought about significant changes to student life and student code of conduct policies. When President Paul Hardin III began his administration in 1968, he found few radicals and revolutionaries among the students, but he felt that major changes in residence life policies and programming were overdue. A new "Code of Student Rights and Responsibilities" guaranteed academic and political freedom for students and established a judicial process regulating campus behavior. Another committee drew up a constitution for a campus union that reorganized and sought to empower student government. Though there have been occasional embarrassments over the years, the policy of treating Wofford students as adults has proved to be healthy and wise. It has been a principle that the college steadfastly has defended, while at the same time taking steps to ensure that caring, personal attention is available to students when they need it. An effective campus ministry and community-based learning program in the United Methodist tradition undergirds this commitment.

The college implemented curricular reforms to encourage faculty creativity and give students more choices. The 4-1-4 calendar and the implementation of the Interim term permitted a student to spend the month of January working on a project of special interest. The Interim became a popular feature of the Wofford experience, particularly for career-related internships, independent research or international travel. Wofford's first-year humanities seminars, pioneered in the 1970s, were copied at institutions large and small. Although a broad liberal arts core curriculum remained in place, pruning departmental requirements made it easier to double or even triple major. Students also were permitted to arrange interdisciplinary majors in the humanities or intercultural studies.

In 1972, having demonstrated his ability as a faculty member and in several administrative positions, Joab M. Lesesne Jr. succeeded Hardin as Wofford's ninth president. Lesesne oversaw much success at the college. In 1972, Wofford's endowment market value was \$3.8 million; in 2000, it was approximately \$90 million, thanks in part to a \$13 million bequest from the estate of Mrs. Charles Daniel. The campus doubled in size, and new structures included the Campus Life Building with its Tony White Theater and Benjamin Johnson Arena, the \$6 million Franklin W. Olin Building, the Papadopoulos Building, the Roger Milliken Science Center, and three new residence halls. The college received national

recognition as a "higher education best buy" and came to be listed in most of the selective colleges guides.

Since the early 1960s, Wofford had struggled to find an athletic identity — the college's investment exceeded the norm for "good time sports," but it was insufficient to attract the best student-athletes or improve national visibility. Aging facilities were inadequate for a program that aspired to meet the recreational, intramural and intercollegiate requirements of a larger, more diverse student body. Wofford carefully moved step-by-step from the NAIA to membership in the NCAA Division I Southern Conference. The construction of the Richardson Physical Activities Building and Gibbs Stadium allowed Spartanburg and Wofford to become the summer training camp home of the NFL's Carolina Panthers, founded and owned by Jerry Richardson '59. The Reeves Tennis Center, a renovated Russell C. King Field and Switzer Stadium for baseball, and a refurbished Snyder Field for soccer allowed for growth in those sports. In the 2000s, Wofford football teams made numerous trips to the NCAA Football Championship Series Playoffs, and Wofford claimed SoCon championships in baseball, men's soccer and men's basketball. In the five years beginning in 2006-2007, Wofford won the SoCon's D.S. McAlister Sportsmanship Award three times and ranked high in its NCAA Academic Progress Rate statistics.

After he became Wofford's 10th president in 2000, Benjamin B. Dunlap, who had taught at Wofford since 1993 as Chapman Family Professor of the Humanities, completed the long-awaited restoration and technological modernization of Main Building, with special emphasis on Leonard Auditorium. Located on the first floor were the Campus Ministry Center and Mickel Chapel, with several memorials to faculty and alumni. After careful study, Wofford trustees approved a gradual plan to increase the size of the student body to about 1,600 with a full-time faculty-to-student ratio of 1 to 11. The development of the award-winning Wofford Village, with apartment-style housing to renew personal relationships among seniors helped make this growth possible. "Fun Funds" also broadened social and recreational opportunities involving the entire student community. The faculty continued to enhance the core curriculum with new majors in theatre, Chinese and environmental studies, while at the same time building highly innovative opportunities for research, internships and study abroad. Additionally, the faculty created interdisciplinary programs in Latin American and Caribbean studies, African and African American studies, gender studies, and Middle Eastern and North African studies. In 2008, Dunlap signed the Presidents Climate Commitment, signaling the beginning of a new "Gold, Black & Green" initiative. Its academic component was an interdisciplinary major in environmental studies that incorporated perspectives from the natural sciences, social sciences and the humanities. Students studied both on campus and at the college's Goodall Environmental Studies Center at Glendale, which has received LEED Platinum certification. Annual Open Doors surveys conducted by the Institute of International Education consistently ranked Wofford in the top 10 of all colleges and universities in the nation in the percentage of students who received academic credit overseas. Faculty earned national recognition in the development of multi-disciplinary learning communities.

The closing years of Dunlap's tenure saw new institutional developments that helped bridge the gap between educational theory and action. The Space in The Mungo Center, established in 2010, focused on building upon a liberal arts foundation to help students develop an advanced set of professional skills desired by employers and valued in the marketplace. The Center for Global and Community Engagement provided new perspectives on spiritual life and mutual understanding as well as new avenues of service to a hopeful city facing many challenges. The Center for Innovation and Learning supported the faculty with fresh ideas and

added resources for the improvement of teaching. The college celebrated when in 2012, in Dunlap's final year as president, Rachel Woodlee '13 was awarded a Rhodes scholarship.

On July 1, 2013, following a national search, Dr. Nayef H. Samhat became Wofford's 11th president. Samhat quickly embraced the college's mission, and led a strategic planning process that resulted in a new strategic vision for the college, "It's Our Wofford." At the same time that the college unveiled the new strategic vision, Samhat announced a gift from alumnus Jerry Richardson to begin to implement a major component of the strategic vision, a new arts center. The Rosalind Sallenger Richardson Center for the Arts, which opened in 2017, filled a significant gap in the college's fine arts offerings. A few weeks later, Richardson announced a subsequent gift, the Jerry Richardson Indoor Stadium. Opening in the fall of 2017, the new indoor stadium replaced Benjamin Johnson Arena as the home of men's and women's basketball and volleyball. The men's basketball team won Southern Conference championships in 2010, 2011, 2014, 2015, and 2019, earning a spot in each of those years in the NCAA Division I tournament and bringing national attention to the college. In 2019, the team won a first-round game for the first time ever, capping one of its most successful seasons.

With the relocation of basketball and theatre to the new Richardson buildings, the college was able to renovate the Campus Life Building to improve intramural, fitness, and dining options. The construction of the Rosalind Sallenger Richardson Center also meant that fraternity row would have to move. A new Greek Village opened in 2016 on the north side of Main Building, with houses for each fraternity, and for the first time, houses for each sorority. Additionally, reflecting the college's increased focus on diversity and inclusion, the village included a house for multicultural students. In 2019 and 2020, the college completed a renovation of the Sandor Teszler Library and opened both Jerome Johnson Richardson Hall and the Chandler Environmental Studies Center. The Space in The Mungo Center was renamed the Career Center and Office of Entrepreneurship and Innovation in 2020. The student body grew a bit more, with just over 1,700 students on campus.

The recent past has brought significant challenges to the college, but significant successes as well. The global Covid-19 pandemic had an immediate impact on students and faculty. The college had to shift to remote instruction in March 2020, a method of instruction that few in a residential liberal arts institution would have ever envisioned. Faculty worked in the summer of 2020 to plan for different modes of instruction in the fall of 2020, and the college continued to operate with social distancing policies, mask requirements, and hybrid instruction for the next year. Enrollment held steady, and the college did not have to resort to furloughs or layoffs. At the same time, Wofford also began to confront its past and present challenges surrounding issues of race and diversity. A presidential committee on justice, equity, diversity, and inclusion convened to consider steps to address these concerns and to prepare a strategic plan to help make Wofford a more equitable and inclusive campus. In February 2021, Jerry Richardson announced a transformational \$150 million endowment gift with a focus on providing need-based financial aid, enhancing student research, travel, and internship experiences, and raising the campus minimum wage for full-time employees to \$15 an hour. Richardson's gifts in the For Wofford campaign totaled over \$257 million.

If William Wightman could return to the Wofford campus today, he undoubtedly would look with pride at his Main Building, freshly restored and renovated to serve new generations of 21st century students. He surely could relate to the Wofford woman of the Class of 1991 who wrote, "It is through Wofford that I found myself. And it is through the

memories of my time there that my joys are intensified and my miseries are lessened. The majestic white building that I know as 'Old Main' is the harbor for my soul, and whenever I need strength, I call upon those twin towers to give it to me."

Standing beneath the high towers, Wightman also would perceive roots that have grown continuously deeper since the college's beginning. Methodist Bishop William H. Willimon '68 is the former dean of the chapel at Duke University and the father of two Wofford graduates. He explained it this way: "Education is not buildings, libraries, or faculty with big books. It's people, the mystery of one person leading another as Virgil led Dante, as Athena led young Telemachus, to places never yet imagined, through thoughts impossible to think without a wise guide who has patience with the ignorance, and therefore the arrogance, of the young. Wofford and its faculty have a way to helping students believe in themselves — yet never to excess. I loved it all."

So, the words that Professor K.D. Coates wrote for the Wofford Centennial in 1954 still ring true in the third millennium: "Somehow, in spite of all the complexities, the individual student still manages to come in contact with the individual teacher. And occasionally too, as in the old days, a student goes out and by words and deeds makes a professor remembered for good intentions, and a college respected for the quality of its workmanship."

## The Honor Code

Wofford College is committed to the moral and intellectual growth of its students, faculty and staff. Because academic freedom and responsibility demand that members of the community embrace unambiguous principles of good conduct. Members of the Wofford community are expected to be honest, trustworthy, responsible and honorable. Dishonesty, lying, cheating, defrauding and/or stealing of research, ideas, coursework from another is especially destructive of the academic process. The Honor Code requires students to pledge honesty in their academic work and sets forth appropriate responses to those who violate that pledge. A complete description of the Honor Code, academic dishonesty, reporting procedures, and sanctions for violation of the Honor Code are published yearly in the Student Handbook (<https://www.wofford.edu/student-experiences/links-resources/>).

### Honor Pledge

I understand that Wofford College seeks to develop the character as well as the intellect of its students. I understand that Wofford students are expected to be honest, trustworthy, and honorable. Further, I understand that behavior contrary to these expectations threatens the values of the college and destroys trust among members of our campus community. I have read and understand the provisions of the Wofford College Honor Code governing academic dishonesty. I understand that academic dishonesty reflects poor judgment and character, undermines the integrity of the academic program, and diminishes the value of the credentials of the graduates of the college. As a sign of my membership in the Wofford College community and of my allegiance to its principle of honor, I promise the faculty and my fellow students that I will never engage in an act of dishonesty in my academic work.

## Study Abroad Opportunities

Qualified students are encouraged to consider opportunities to study in other countries. Such experiences offer invaluable educational enhancement and foster intercultural development.

Several examples of available study abroad programs are outlined below. Interested students may consult the Office of International Programs (<http://www.wofford.edu/internationalprograms/>) staff for more information.

### International Programs

Wofford's affiliation with the Council on International Education Exchange (CIEE), the Institute for the International Education of Students (IES), the School for International Training (SIT), DIS - Study Abroad in Scandinavia (DIS), and other programs make available a number of opportunities for year-long, semester-long, January and summer programs in Europe, Africa, Asia, Australia, as well as North America, Central America and South America. In addition, Wofford-sponsored faculty-led opportunities are available during Interim. The office also assists students in applying to participate in credit-bearing internship programs in Washington, D.C., and New York, N.Y.

These programs offer a wide variety of courses and specialized curricula; several do not require preparation in a foreign language, but do require on-site language study. For participating Wofford students, credits in these programs are awarded by Wofford and thus are included in the computation of the cumulative grade-point averages of those students.

Financial aid may be applied toward program costs and other educational expenses for approved semester study abroad programs.

When a student undertakes an approved off-campus study program whose calendar precludes his or her participation in the Wofford Interim in that year as ordinarily required, satisfactory completion of the off-campus program will stand in lieu of completion of an Interim project for that year but no Interim credit hours are awarded. Satisfactory completion is defined as earning a minimum of 12 credit hours with a term GPA of 2.0.

Further information about these programs is available in the Office of International Programs (<http://www.wofford.edu/internationalprograms/>).

### The Presidential International Scholar

Through the generosity of a friend of the college, each year one rising junior or senior is given financial support for study and travel in the Global South. Selected by the president of the college, the recipient, known as the Presidential International Scholar, is expected to plan a program of research and experience in the developing world. This special opportunity is intended to expose students to diverse world cultures and contemporary global issues. The campus community is made more aware of the diversity of human experience and the need to learn from the people of the developing world through presentations the Scholar makes upon returning to campus.

## The Sandor Teszler Library

Wofford's library opened in 1969 and was named for Sandor Teszler, a Holocaust survivor who became a respected leader in the textile industry and a beloved presence in the campus community. The library was renovated in 2019-2020 to add new spaces for individual and group study, collaborative research, and flexible learning and teaching. Renovation expanded the Academic Commons to include new partners such as the Center for Innovation and Learning, peer tutoring, and the Office of Accessibility Services. The Writing Center and the Martha Cloud Chapman Gallery are also located in the library.

The library is known as a welcoming place for all students where they can study and work on projects, and where students have space to spread out alone or to collaborate with others. The library is equipped with computers, printers, scanners, large screen TVs that connect to laptops for group work, and group study rooms that can be reserved online. Students can record themselves on video in the Trey Kannaday Presentation Practice Room to develop their communication skills. The library's staff provides many services, including research assistance and instruction in using the library's rich holdings. Every subject taught on campus has a subject librarian who can be consulted for specialized assistance.

Wofford's library offers students numerous print and electronic resources and other media to support their work in all academic areas. The discovery service Wofford OneSearch enables students to search the library's print collections, e-books, e-journals, streaming video, and musical recordings from anywhere in the world. Additionally, the library offers over numerous databases focused on disciplines that span the curriculum. The library is a member of PASCAL, South Carolina's academic library consortium, which provides shared access to print and electronic collections among all the state's institutions of higher education.

The recent renovation created a new Archives and Special Collections space, with a reading room for classes and individuals to visit and use unique primary sources available only at Wofford. These resources include the Wofford College Archives, the records and historical materials of the South Carolina Conference of the United Methodist Church, and the library's Special Collections, which includes approximately 6,000 volumes of books, manuscripts, ephemera, and artifacts dating from the 16th through the 21st centuries. Increasingly, librarians are digitizing these resources to allow everyone in the world to access them freely through Digital Commons at Wofford. (<https://digitalcommons.wofford.edu/>)

The library's website provides information on circulation policies, group study room reservation, hours, images of the latest and past gallery exhibits, research databases, and all library services. (<https://www.wofford.edu/academics/library> (<https://www.wofford.edu/academics/library/>))

## Emerging Leaders Initiative (ELI)

The Emerging Leaders Initiative (ELI) (<https://www.wofford.edu/student-experiences/halligan-center-for-religious-and-spiritual-life/links-resources/>) provides students with an opportunity to engage in vocational discernment and explore church leadership and theological education while at Wofford. ELI participants may be awarded scholarships connected with their participation in the program. They have a personal mentoring relationship with the chaplain of the college. The program includes six focus areas:

- self-awareness
- service and social action
- vocational discernment
- spiritual direction
- theological education
- ministry inquiry

Students in ELI may participate as ELI Scholars or ELI Fellows. Scholars may receive scholarships and participate in self-awareness, service, social action and vocational discernment. Fellows receive scholarships and participate in the six focus areas. Admission to the program is on a rolling basis and begins with a personal interview with the chaplain.

## The Career Center

At the Career Center at Wofford College (<https://www.wofford.edu/academics/career-center/>), students will find knowledgeable staff who are dedicated to supporting each student in their journey towards success. The Center realizes that deciding what comes after graduation can be stressful, but with a Wofford education, there will be great options.

The Career Center staff focuses our work in three areas:

1. Meeting all students where they are and providing personalized support to each student.
2. Teaching students how to prepare for their future through job and internship searches, networking and skill building. The Center uses National Association of Colleges and Employers (NACE) career competencies as a foundation for building skills.
3. Supporting students through a four-year strategy that builds on academic and co-curricular experiences to instill and sharpen competencies needed for success.

The Career Center's events, programs and individual meetings focus on the mission to prepare students for life after Wofford. Our vision is that every graduate has a professional skill set, the confidence to effectively manage their career, and an empowerment to achieve success.

Students can find resources, guides, and links to important information on the Career Center (<https://www.wofford.edu/academics/career-center/>) website.

# Admission

Wofford College admits, on a competitive basis, students of good character who demonstrate the potential for successful academic work at Wofford. The college seeks students who are ready to assume responsibility for their personal behavior and for their learning, and who will contribute to the campus community. Wofford welcomes students from diverse racial, cultural, economic, geographic and religious backgrounds. Students interested in applying for admission should visit the Wofford Admission (<http://www.wofford.edu/admission/>) website.

It is preferred that first-year and transfer students matriculate in the Fall (September) or Spring (February) semesters.

## Campus Visits

Applicants and other interested students are encouraged to visit the campus and talk with college representatives. Visitors are served more effectively when arrangements are made in advance. Appointments for interviews, Admission presentations, and campus tours can be scheduled for weekdays at 10:00 am and 2:00 pm and for Saturdays at 10:00 am (during the school year only). Also, several times each year the college hosts special events for high school juniors and seniors.

Interested students and parents should contact the Admission Office ([admission@wofford.edu](mailto:admission@wofford.edu)) for further information about these and other opportunities for visiting the campus.

## Requirements for Admission

Students should prepare for the challenges at Wofford by taking a strong academic programs in high school. Students should be in the senior year of high school when they apply for admission, and normally must be high school graduates when they enroll at Wofford. While the college does not prescribe a rigid set of course requirements for admission, it is strongly recommended that applicants' high school study include the following:

English	4 years
Mathematics	4 years
Laboratory Science	3 years
Foreign Language	3 years (in one language)
Social Studies	2 years

Each applicant is judged on his or her merit as a potential Wofford student. In reaching each of its decisions, the Committee on Admission pays particular attention to the applicant's courses, grades, level of curriculum, class rank, test scores (if submitted), extracurricular involvement, leadership, and service, and recommendations from the guidance counselor, and others who know the student well.

The college will consider applicants whose educational circumstances are unusual. Students desiring to enter Wofford prior to attaining a high school diploma and students who by nontraditional means have attained the equivalent of admission requirements will be considered on an individual basis. The Committee on Admission carefully reviews such applicants and may grant admission upon evidence of superior ability and maturity.

## Application Procedures

Students interested in applying for admission should visit the Wofford Admission (<http://www.wofford.edu/admission/>) website, which contains the necessary forms and instructions for both first-year students and transfer applicants. Also provided are links to financial aid, scholarships, "Fast Facts" about Wofford, a profile of the current incoming class, and a virtual tour of campus.

Here is a summary of application procedures and policies:

1. Each person seeking admission must complete the Common Application (<https://apply.commonapp.org>).
2. Transcripts and other documents regarding previous academic work provide important information about students' academic history and potential. For **high school applicants**, high school transcripts and the Common Application School Report are required and are to be sent directly to the Admission Office by the schools attended. For **transfer applicants**, official transcripts of both high school and college work are required; all these materials are to be sent directly to the Admission Office by the schools and colleges concerned. For **home school applicants**, accredited home school transcripts (if applicable) and/or portfolios recording all high school work completed are required. These should be sent to the Admission Office by the persons who supervised the schooling.
3. The results of performance on standardized tests are helpful in assessing students' potential for success at Wofford. **Applicants for the first-year class** have the **option** to submit either Scholastic Aptitude Test (SAT) scores or American College Testing Program (ACT) scores. Please visit Wofford Admission Test Optional (<http://www.wofford.edu/admission/testoptional/>) for more info regarding our test optional policy.
4. Letters of recommendation from teachers or other respected adults who know first-year or transfer applicants well are encouraged. Such letters may be sent to the Admission Office.

## Admission Decisions

The table below indicates the application deadlines and the corresponding notification dates.

Notification Priority	If Completed Application Is Received By	Admission Decision Will Be Mailed
Early Decision	November 1	December 1
Early Action	November 15	February 1
Regular Decision	January 15	March 1

Students whose completed applications are received after January 15 will be notified of their status on a rolling basis after March 1 if space is available.

Students admitted for the fall semester may reserve space in the student body by submitting the required deposits on or before May 1. These deposits, which are *nonrefundable*, are \$500 for resident students and \$300 for commuting students. The deposits are applied toward the comprehensive fees due for the fall semester (or, for students entering Wofford in the spring semester, are applied toward the comprehensive fees due for that semester). Available spaces in campus residence halls are limited, and assignments to them are made according to the dates the deposits are received by the Admission Office.

## Early Decision

**This application deadline is recommended for students for whom Wofford is a clear first choice.**

Early Decision at Wofford allows students for whom Wofford is a first choice to commit to the college at the point of application. To apply for Early Decision, students must submit a completed application for admission and other required information by November 1. Students who are admitted Early Decision are expected to enroll at Wofford. This application deadline is binding, and students admitted through Early Decision must pay their \$500 nonrefundable housing deposit (\$300 for commuting students) by December 15 and withdraw applications to all other colleges or universities. Students applying for Early Decision to Wofford may not apply to other institutions in a binding Early Decision option.

All applicants for Early Decision can be considered for merit and need-based financial aid. If, after signing the Early Decision agreement and committing to enroll at Wofford if admitted, Wofford is not affordable, students applying for Early Decision may be released from the Early Decision commitment.

## Early Action

**This application deadline is recommended for students who do not have a clear first choice college at the point of application.**

Early Action is a nonbinding application deadline and allows students to receive a decision about admission and scholarship earlier in the process than a Regular Decision applicant. Students must apply by November 15 and, if admitted, have until May 1 to make a decision about where they will enroll. The nonrefundable \$500 housing deposit (\$300 for commuting students) is due on or before May 1.

## Regular Decision

**This application deadline is recommended for students who do not have a clear first choice at the point of application and cannot meet the Early Action deadline.**

Regular Decision is a nonbinding application deadline. Students must apply by January 15 and, if admitted, have until May 1 to make a decision about where they will enroll. The nonrefundable \$500 housing deposit (\$300 for commuting students) is due on or before May 1.

## Transfer Student Admission

Prospective students that successfully completed coursework at other institutions of higher education may be considered for admission with advanced standing, provided they are eligible for re-admission to the institutions they last attended and that they meet the regulations governing admission to Wofford College. Transfer applicants are expected to present grade-point averages of at least a 3.0 from a four-year colleges and a least a 3.5 from two-year colleges.

Wofford College will evaluate all coursework and accept that which is equivalent to course offerings at Wofford and/or determined to be applicable to the liberal arts curriculum. Official transcripts from all post-secondary institutions attended must be received and evaluated by the Registrar's Office before any transfer credit is awarded. This includes dual enrollment credit the student took while in high school. Unofficial

transcripts, screenshots, or photographs of transcripts will NOT be accepted for evaluation.

Courses eligible for acceptance must meet the following criteria:

1. The grade must be equivalent to a 'C' (2.00) or higher<sup>1</sup>
2. It must be similar to courses/programs offered at Wofford
3. It must be completed at an institution of higher learning recognized by one of the six regional accrediting associations

Wofford College credits are expressed in semester hours. Courses evaluated for transfer from colleges and universities with different credit systems (quarter hours, units, etc.) are converted to semester hours. The Office of the Registrar determines which courses will transfer to the college, whereas the Chairs of the specific academic departments determine the applicability of the course to majors, minors, programs, etc.

The maximum number of credit hours accepted upon transfer is 60 semester hours (exclusive of credit in basic military science). No more than two semester hours in physical education will be accepted. The college will not accept credit for any course work completed as part of a wilderness expedition, leadership training (NOLS), semester at sea program, Project Lead the Way, or Boys/Girls State. Also, courses offered by correspondence, television or extension will not be accepted. Grade-point averages are not transferred, only credit hours. Wofford's residency requirement stipulates that the last 30 credit hours of coursework and more than half of the requirements for the major/minor must be completed at Wofford College in order to earn a Wofford degree.

For more information, please visit our Transfer Applicant Page (<https://www.wofford.edu/admission/apply/transfer-applicants/>).

<sup>1</sup> For credits earned during the Spring 2020, Wofford will accept courses with grades of pass/fail or credit/no credit as long as the official transcript stipulates those grades are equivalent to a 'C- 'or higher. Grades of 'D' or equivalent will not be accepted. This exception is in place due to the effects of the Coronavirus during the 2019-2020 academic year.

## AP, IB, Dual Enrollment

Wofford policies regarding the acceptance of degree credits earned prior to a student graduating from high school are aimed at rewarding academic achievement while sustaining the belief that the most fulfilling Wofford experience is one that encompasses all four years. Wofford values the academic preparation a student undertakes while in high school whether that is through traditional high school courses, advanced placement, or dual enrollment, but considers that work foundational. Consequently, new first-year students are limited in the number of credit hours they can be awarded prior to matriculation. These limits are as follows:

1. A maximum of 24 credit hours earned prior to enrollment may be awarded to first-year students from all sources, including but not limited to Advanced Placement, International Baccalaureate, dual enrollment, CLEP, and all other college credit.
2. Students who legitimately exceed the 24 credit hour limit may choose which credits will apply. Students may adjust their credits at any time by contacting the Registrar's Office.

3. Immaterial of the credit granted, individual programs have the prerogative to determine equivalencies, waive lower-level requirements, and place students in appropriate courses.

## Dual/Joint Enrollment

Dual, joint, or concurrent enrollment courses are those that a student completed while in high school, but the courses were taken at an institution of higher education. Wofford College will accept approved courses earned through dual/joint/concurrent enrollment programs. These courses are treated like any other transfer work and must conform with the following stipulations:

1. The grade earned must be equivalent to a 'C' (2.00) or higher
2. The coursework must be similar to courses/programs offered at Wofford – within the liberal arts curriculum.
3. The coursework must be completed at an institution of higher education recognized by one of the six regional accrediting associations.
4. Students must submit an official transcript from the higher education institution where the courses were completed. Transcripts can be sent electronically to registrar@wofford.edu. Credits will NOT be awarded from the high school transcript.
5. Only credit hours are awarded. Grades earned in courses taken elsewhere will not count in the student's GPA.
6. The final decision in granting transfer credit resides with Wofford College's Office of the Registrar.
7. Student may want to consult the Transfer Equivalency website (<http://connect.wofford.edu/mywofford/registrar/transferArticulation.aspx>) to view how their courses may apply to their Wofford degree.

## Advanced Placement (AP)

A score of 4 or higher must be made on each test for the work to be awarded credit at Wofford. The one scoring exception is the Calculus BC test on which a score of 3 or higher must be earned. Students must request official scores from the College Board be sent directly to Wofford College in order to be evaluated for credit. Other policy variances include the provisions that no credit is awarded for the International English Language Exam; students completing the Physics C examinations must make acceptable scores on BOTH tests to receive exemption and/or credit; and that for prospective chemistry majors a validation test is required in order to receive credit for both Chemistry 123 and 124. A complete listing of AP scores (<http://www.wofford.edu/registrar/apChart.aspx>) and the equivalent credits awarded can be found on the Registrar's Office website.

## International Baccalaureate (IB)

Wofford offers credit for higher level IB examinations with a score of 5 or higher. No credit is awarded for standard level courses. An IB Transcript of Results must be requested by the student and sent directly to Wofford College from the International Baccalaureate Organization. A complete listing of IB scores (<http://www.wofford.edu/registrar/IBchart/>) and the equivalent credits awarded can be found on the Registrar's Office website.

## College Level Examination Program (CLEP)

While Wofford does not award credit on the basis of General Examinations, credit may be awarded for the Subject examinations. However, in order to be awarded credit the exams must be completed and the scores reported to the Office of the Registrar prior to enrollment.

Students must request a CLEP transcript from the College Board be sent to Wofford for evaluation and awarding of credit. CLEP Information and FAQs (<http://www.wofford.edu/registrar/CLEP/>) can be found on the Registrar's Office website.

## Cambridge International Examinations (CIE)

Wofford awards six to eight hours credit per class for A levels with a grade of A or B as long as the CIE subject is within the Wofford curriculum.

## Military Experience

Students who are or were eligible members of the United States Armed Forces may earn college credit for college-level training and education acquired while serving in the military. Students with military training or coursework that is recognized by the American Council on Education (ACE) may be granted college credit subject to institutional transfer practices on equivalencies, limitations, levels, etc. Military training and coursework will be accorded the same treatment as any other transfer credit with the addition of the ACE Guide to the Evaluation of Education Experiences in the Armed Services for determining equivalency and alignment of military coursework with Wofford College courses. If the coursework fulfills a general education, major, or other degree requirement, the credit will be granted for meeting that requirement. Appropriate course credit may include free elective course credits which come with hours toward graduation, but do not fulfill a specific requirement. The ACE website, College Credit for Military Service (<http://www.acenet.edu/higher-education/topics/Pages/College-Credit-for-Military-Service.aspx>), outlines their policies, recommendations, and guidelines. Former enlisted personnel who have served at least six months on active service in the armed forces may be granted three hours elective credit for that experience. If they have served for two or more years, they may receive six hours elective credit.

## Readmission of Former Students

The readmission process is administered by the Office of the Registrar. A student who has discontinued enrollment with Wofford and who wishes to return must apply to the Office of the Registrar for readmission at least 30 days prior to the date the student wishes to re-enter. All holds on the student's record must be cleared before readmission application is processed. A former student who enrolled at another institution of higher education during his/her absence from Wofford must submit an official transcript from the institution(s) attended. The transcripts should be sent directly to the Registrar's Office. In addition to official transcripts, students who attended another institution must also submit the Verification of Good Standing form which is to be completed by the Dean of Students (or equivalent) at the previous/current institution. Both the Application for Readmission (<http://www.wofford.edu/registrar/forms.aspx>) and the Verification of Good Standing (<http://www.wofford.edu/registrar/forms.aspx>) forms are located on the Registrar's website. Readmission of former students is the sole discretion of the Registrar.



# Campus Life & Student Development

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Wofford College staff members work to provide opportunities and guidance for students to develop a community in which they grow mentally, spiritually, socially, emotionally, intellectually and physically. Campus life programs are intended to enable students to become persons who will make a positive difference in the communities in which they will live.

The Dean of Students exercises general supervision over the student development and campus life programs intended to help meet the needs and to cultivate the capacities of students. Services are available through the offices of:

- Campus Life and Student Development
- Campus Recreation, Intramurals and Club Sports
- Campus Safety
- Fraternity and Sorority Life
- Hugh R. Black Wellness Center
- Inclusive Engagement
- Residence Life
- Student Activities

## Center for Community Based Learning (CCBL)

Wofford's Center for Community-Based Learning (CCBL) (<https://www.wofford.edu/academics/center-for-community-based-learning/>) is the primary coordinating structure for advancing campus-wide community engagement and civic responsibility. The Center facilitates and deepens mutually beneficial partnerships between Wofford and its larger communities that improve the human condition, enhance the public good, prepare Wofford students for meaningful, effective lives as citizen-leaders and enrich the scholarship and character of Wofford College.

**All CCBL programs focus on student learning, specifically in the areas of:**

### Analysis of Knowledge

Connecting and extending knowledge from academics to community-based experiential learning and to one's own participation in civic life, politics, and government

### Civic Agency

Commitment to act, with others, to address an issue or promote the public good

### Civic Contexts and Structures

Commitment to work collaboratively across and within community contexts and structures to achieve a civic aim

### Civic Communication

Effectively communicate in diverse formats and forums, tailoring communication strategies to effectively express, listen, and adapt to others to establish relationships for further civic action

### Civic Leadership

Capacity to collaborate with and lead others to achieve a common civic aim

### Empathy

Relate to and share the feelings of diverse others

### Social Justice

Examine systemic injustice and act to promote fairness and equity

### CCBL participates in the following programs:

#### Academic Civic Engagement and Community-Based Learning

The CCBL supports Wofford faculty members across many disciplines in: identifying civic and other learning objectives that can be met through community engagement, developing authentic and mutually beneficial partnerships with community organizations, engaging students and partners in ways that deepen students' civic and disciplinary learning and meet a community-identified need, and then reflecting on and assessing their work.

#### Wofford's Community Corps

Wofford's Community Corps program connects Spartanburg nonprofit and governmental organizations with Wofford students to fill direct and indirect service positions (internships) within their organizations - and to learn a lot in the process! Placements (and accompanying onboarding, coaching, and reflection) in such areas as Communications, Training & Program Development, Community-Based Research, Policy Research, and more are offered over each semester and over the summers.

#### The Bonner Scholars Program

Established in 1991 at Wofford, the Bonner Scholars Program is the flagship program of the CCBL. It engages 60 deserving students in a robust servant leadership development program and 10 hours of service each week during the academic year in Spartanburg community plus at least two full-time summers. In return, the Bonner Scholars receive full-need scholarships and numerous other financial and developmental opportunities. Most Bonner Scholars are selected as entering first-year students and remain Bonner Scholars throughout their tenure at Wofford, growing in both their responsibility and impact over time. Student leaders within the program comprise the Bonner Leadership Team (BLT) and join student leaders from other Bonner programs around the country on the national Bonner Congress. There are about 75 Bonner programs around the country, only about 25 of which are Bonner Scholars programs. All of them are supported by the Corella A. and Bertram F. Bonner Foundation in Princeton, New Jersey.

#### iCAN Spartanburg

Studies show that the difference in lifetime earning potential between a high school graduate and a college graduate in the United States is more than \$1 Million. Additional research shows college-access coaching and mentoring is a highly effective and efficient strategy for increasing college completion rates. iCAN Spartanburg is a near-peer, college access mentoring program that recruits, trains, matches, and supports current Wofford students (many Pell-eligible and/or the first in their families to go to college) as near-peer mentors/friends/coaches for Spartanburg County high school students in the Citizen Scholars Institute, who will be Pell-eligible and/or the first in their families to go to college.

#### Volunteer Income Tax Assistance (VITA)

The Earned Income Tax Credit (EITC) has been called the best poverty-fighting tool we have; and because people must be both working and low-income to qualify, it enjoys unprecedented bipartisan support. Unfortunately, many people who qualify for the EITC don't claim it. To make matters worse, some tax preparation outlets claim the EITC for people and then take most of its benefit from them, in the form of tax

preparation fees. With VITA, first year Wofford students are trained and certified by the IRS in basic tax preparation. Upper-level Accounting students double-check the returns they prepare and some upper-level Spanish students often assist as interpreters.

#### **Milliken Community Sustainability Initiative**

Wofford was awarded \$4.25M to support student learning and innovation in human and community sustainability. The MCSI includes linked courses in human and community sustainability and environmental studies, embedded practical/internships with community partner organizations in the Northside, and a new, 12-bed residence hall across Church Street in the Northside called Milliken House at Northside Station.

#### **Community Service Federal Work Study (in coordination with the Office of Financial Aid)**

If you are eligible for Work Study, you can choose to spend your work study time with one of our nonprofit partners, in an internship/project/placement setting.

#### **Database of Community Assets & Needs**

The CCBL maintains a searchable database of community partner assets and needs. Individuals and groups can browse local volunteer opportunities that align with their areas of interest, schedules, and other desired outcomes; register to fill them; and then track their hours, economic impact, and other outcomes all within the system.

#### **Recognition & Awards**

The CCBL recognizes campus and community stakeholders' work toward the common good, through awards like the John Bruce, Henry Freeman, and Currie Spivey Awards.

#### **Social Innovation/Entrepreneurship (in coordination with the Career Center)**

The Algernon S. Sullivan Foundation has long been a benefactor of Wofford folks doing good in the world. Now, they are working with their grantee institutions to facilitate social innovation, offering workshops and summer experiences.

#### **Community Advisory Board**

This group, comprised of the leaders of some of our closest community partner organizations, helps us incorporate community understanding, context, assets, challenges and opportunities in our shared work.

To learn more, please visit the CCBL website (<https://www.wofford.edu/academics/center-for-community-based-learning/>) or stop by the office in the Michael S. Brown Village Center.

## **Hugh R. Black Wellness Center**

### **Medical Services**

A campus health care program provides primary care for resident students and educates them on preventive measures concerning their health and well being. The college maintains an on-campus, limited-service clinic staffed Monday through Friday from 7:30 am - 4:00 pm by a licensed health care provider which includes a nurse practitioner. Students may be referred, when appropriate, to the college physicians in the Spartanburg community.

Non-emergency visits to the Wellness Center (<https://www.wofford.edu/student-experiences/wellness-center/>), in the Hugh R. Black Building, should be made during regular office hours, 7:30 am - 4:00 pm, and at times that do not conflict with classes. Students are encouraged to make appointments using the patient portal located on the Wellness

Center (<https://www.wofford.edu/student-experiences/wellness-center/>) website or the student's mywofford. The student must assume the responsibility for communicating directly with the professor in matters concerning missed classes, assignments or exams because of illness. Please refer to the Excuse Policy for Illnesses in the Student Handbook (<https://www.wofford.edu/student-experiences/links-resources/>) for a full description.

The payment of the comprehensive fee entitles resident students to unlimited visits to the clinic on campus and to office visits with the college physicians in ordinary cases of illness. The fee does NOT provide, and the college does not assume, the cost of X-rays, special medications, special nursing procedures, consulting physicians, surgical operations, laboratory tests, treatment of chronic conditions, convalescence from operations, or care in hospitals. Additionally, students that visit the Wellness Center may incur nominal fees for procedures, labs, physicals, injections and some prescription medications.

After-hours emergency care is available by calling Campus Safety (<https://www.wofford.edu/student-experiences/campus-safety/>) at 864-597-4911. The officers on duty will contact the resident assistant or resident director on duty and/or the Student Affairs staff member on call.

Spartanburg Medical Center is located close to the college. The following community services are available to students as needed:

- *The Spartanburg Medical Center Emergency Room and EMS are just minutes away and are available for emergency situations.*
- *Regional-On-Call is a free service. A licensed health professional provides accurate health and wellness information by phone. It operates 24 hours a day, seven days a week at 864-591-7999.*

### **Counseling Services**

All currently enrolled Wofford College students are eligible for counseling services in the Wellness Center at no cost. These services are provided with the highest level of confidentiality by mental health professionals and are individualized based on each student's need. Students with chronic mental health needs or substance abuse issues may be referred to a mental health professional in the community and any fees incurred will be the student's responsibility. We are happy to assist these students and others who wish to see a counselor off campus in selecting the most appropriate resource. Wellness Center counselors are able to assist students with a variety of issues, from transition to college and minor adjustments to mental illness diagnosis and treatment. Appointments can be made by using the patient portal on the Wellness Center (<https://www.wofford.edu/student-experiences/wellness-center/>) website.

All members of the Wofford community are able to access 24/7 mental health support from professional counselors by calling 864-597-4393. This service is connected with Wofford and Spartanburg community resources and Wofford staff provide follow-up and continuity of care. In case of emergency, Campus Safety may also be contacted at 864-597-4911.

### **Accessibility Services**

The Wellness Center staff coordinates assistance for students with disabilities. In accordance with the provisions of Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA), Wofford College seeks to provide disabled students with reasonable accommodations needed to ensure access to the programs and activities of the college. Accommodations, determined on an individual basis, are designed to meet a student's needs without altering the

nature of the college's instructional programs. A student wishing to pursue accommodations should make an official request by visiting the student tab on myWofford. Detailed instructions and documentation guidelines are available in the Guide to Accessibility Services (<https://www.wofford.edu/Wofford.edu/Documents/student-experiences/wellness-center/Guide-to-Accessibility-Services.pdf>).

## The Wofford Wellness Program

The Wellness Program at Wofford College includes programming relating to alcohol, safety, sexual responsibility, CPR and first aid, smoking cessation, stress and relaxation.

## Religious and Spiritual Life

As an institution related to the United Methodist Church, Wofford seeks to create a campus atmosphere congenial to spiritual development and social justice. The Methodist heritage fosters on the campus an appreciation of many faiths and a free exchange of ideas. Religious and spiritual life activities are under the direction of the Chaplain, who also serves as the Director of Interfaith Programs. These activities include regular services of worship and weekly celebrations of Holy Communion.

Religious groups from several traditions, including Jewish, Muslim, Hindu and Christian (Roman Catholic, Protestant, and Orthodox) have regular meetings and periodic lectures and forums. Professionally trained and credentialed leaders serve as campus ministers for these groups. Student-organized religious and spiritual groups also function on campus.

Para-church groups have staff and offer activities on campus and in the community. Convocations dealing with issues of religion, spirituality and ethics are made available to the campus community.

## The Halligan Center for Religious & Spiritual Life

The Halligan Center for Religious & Spiritual Life (<https://www.wofford.edu/student-experiences/halligan-center-for-religious-and-spiritual-life/>) is staffed by a Director of the Center and houses the Office of the Chaplain and the Director of Interfaith Programs. The Halligan Center serves as:

- The coordinating home for the diverse religious observance on the Wofford campus,
- A well-being resource for students, staff and faculty,
- Home to Wofford's expanding interfaith program, and
- Home to our engagement, from a faith perspective, of issues in the world today.

Whether one is wrestling with big questions or searching for a community of faith, attempting to discern talents, passions and strengths while deciding what to do in life, or ready to commit to direct service and action, the Halligan Center is a valuable resource of encouragement, contemplation and connection for the Wofford community.

The Halligan Center offers a variety of worship experiences on campus. Seasonal and traditional services of worship are held on selected days. Weekly meditation times are offered. Numerous study and discussion groups occur on campus, and travel and training travel opportunities offered. Listings are available outside the Halligan Center and by social media. In addition, the Halligan Center offers assistance to students of any faith who wish to find a local place of worship.

The College's Religious & Spiritual Life Committee offers advice and support and assists with policy making and advocacy around religious and spiritual life on the campus.

Convocations dealing with issues of religion, spirituality and ethics are offered frequently and are open to the campus community.

## Interfaith Programs

One of Wofford's signature efforts is around interfaith programming.

Students from across a variety of religious and spiritual and secular worldviews come together to form friendships, learn from each other, and serve the community. The ability to function positively across lines of difference while being respectful is a critical need in today's world.

Wofford has consistently received national recognition for its leadership in Interfaith community service. Two Interfaith Fellows (students) lead the campus Interfaith Youth Core and the Better Together campaign.

Interfaith Programs at Wofford occur within both academic and co-curricular contexts. Faculty members offer courses on interfaith engagement. Monthly interfaith activities and events are offered, as are interfaith training and travel opportunities. Dr. Ron Robinson, Perkins-Prothro Chaplain & Professor of Religion, is the Director of Interfaith Programs.

## Residence Life

Wofford operates nine residence halls and the Village apartments accommodating more than 92 percent of the student body. All single full-time students, except those commuting daily from their parents' homes or the homes of other relatives (i.e., grandparents, aunts, uncles, or married brothers or sisters) are required (assuming rooms are available) to live in the college residence halls and to take their meals on campus. Upon application, exceptions may be granted by the Dean of Students or the Assistant Dean of Students to students who are in active military service or who are veterans of two years of military service, students who are regularly employed 35 hours or more each week and whose schedules would make living in the residence halls or taking meals on campus impractical, or students who for reasons of health, certified by a physician or practicing psychologist, have residence or dietary needs that could not be met in the residence halls. Students otherwise eligible to live in residence halls must have special permission from the Dean of Students to do so during any semester in which they are enrolled for fewer than nine semester hours.

Each resident student pays a \$250 residence hall deposit which is held in an account by the college as long as the student reserves or resides in college housing. When there are residence hall damages for which a student is responsible, the student will be charged for them and the charges will be deducted from the account. The student must maintain a balance of \$250 in the account. At the time a student ceases to reserve or reside in college housing, the balance of the deposit becomes refundable.

Resident students must submit a nonrefundable \$500 reservation deposit by March 15 to reserve a room for the next academic year. The college guarantees housing for first-year students who submit a deposit by May 1. Rooms for upperclass students are assigned through an annual lottery. For the lottery, seniors will be given priority, then juniors, then sophomores based on enrollment cohort. While a few single rooms are available, most residence hall rooms are designated for double

occupancy. Insofar as facilities permit, resident students, including first-year students, are assigned to rooms with requested roommates.

The residence hall rooms are equipped with wireless internet and cable television. All rooms are furnished with single beds, mattresses, dressers, desks and chairs. Residents are expected to supply their own linens and accessories. Wofford recommends that students insure their belongings as Wofford cannot take responsibility for lost or stolen property or property damaged by fire or other causes.

Members of the Residence Life staff, selected for their abilities to assist and advise students, live in the residence halls. They work with the residents to create an atmosphere conducive to the well-being of all students and to encourage the recognition that residents must be responsible for maintaining such an atmosphere. Residence Life staff members are alert to the needs of students who have academic or personal concerns.

Wofford's regulations and policies regarding campus life and student conduct are stated in the Student Handbook. *The Honor Code* and the *Code of Student Rights and Responsibilities* as well as specific statements on such matters as possession of alcoholic beverages, the prohibition of illegal drugs, the use of automobiles, and students rights of due process are defined in the Student Handbook. All students are expected to be familiar with the information in it. The Residence Life (<http://www.wofford.edu/residenceLife/>) website provides additional policy, dining, and housing information.

## Student Involvement

The staff in Campus Life and Student Development (<https://www.wofford.edu/student-experiences/campus-life-and-student-development/>) provides expanded programs, services, guidance and leadership opportunities that enrich students' educational experiences at the college. The staff and student leaders from more than 100 student organizations implement programs that encourage personal growth, promote civic responsibility, embrace differences, model responsible leadership, enhance Greek life, provide entertainment and engage students on campus and in the Spartanburg community.

The Student Development Committee, composed of members of the faculty, staff, and student body, is responsible for the recognition and regulation of student organizations. Applications (<http://www.wofford.edu/campuslife/charterapplication/>) to charter a new organization can be found on the Campus Life website. More information about student activities may be found in the Student Handbook (<https://www.wofford.edu/student-experiences/links-resources/>).

## Diversity & Inclusion

The Office of (<https://www.wofford.edu/about/diversity-equity-and-inclusion/office-of-diversity-and-inclusion/>) Inclusive Engagement (OIE) collaborates with offices, departments, students, faculty, staff and other members of the Wofford and local, Spartanburg communities to promote an inclusive, equitable and diverse campus climate. In alignment with the Campus Life and Student Development mission, and the College's overall mission, OIE supports and advocates for the advancement of all students and is committed to challenging students to not only think critically, but to also engage in cultural humility in an effort to become lifelong learners of issues that impact society's most marginalized and under-resourced communities to be able to better center those communities experiences in examining and implementing

community-based solutions to society's most pressing issues on the journey to becoming equity-minded change agents.

To achieve its goals, OIE engages in and supports the following programming and initiatives: Land Acknowledgement; Heritage Month Celebrations & Social Justice-Based Experiential Learning Opportunities; Diversity Council Student Organizations; Bias Incident Response Protocol; All Gender Restrooms; NCBI & Other Workshop Requests.

## Intramurals, Recreation, and Club Sports

The Director of Intramural, Recreation & Club Sports (<https://www.wofford.edu/student-experiences/intramurals-recreation-and-club-sports/>) organizes and promotes a comprehensive program that encompasses team sports, individual sports, fitness classes, club sports, and various recreational activities. Team sports leagues offered are Terrier Tag, Soccer, Dodgeball, Basketball, and Softball. Individual sports offered include Tennis, Racquetball, and Disc Golf. Recreational activities include daily Fitness Classes, an Outdoors Club, a Fly-Fishing Club, Basketball and Beach Volleyball at the Village, and an equipment check-out program. Club Sports that are currently active include Men's Lacrosse, Women's Volleyball, Baseball, Soccer, Equestrian, Disc Golf, Swim and Tennis.

## Publications

A Publications Board composed of students and faculty members exercises financial control over the three principal student publications and elects their editors and assistant editors. In addition, the board is at the service of the student staffs for suggestions or advice concerning their work. Standards governing student publications are printed in the *Code of Student Rights and Responsibilities* found in the Student Handbook.

Publications under the jurisdiction of the board are:

- The Old Gold and Black, a campus newspaper
- The Journal, a literary magazine
- The Bohemian, a yearbook

The publications afford excellent training in journalism and in business management to those students who have special aptitude in those fields. Interested students are assisted and encouraged by the faculty in their efforts.

## Social Fraternities and Sororities

Fraternity and Sorority Life (<https://www.wofford.edu/student-experiences/fraternities-sororities/>) is one component of the culture and history at Wofford College. Approximately half of Wofford's student body is currently a member of a Greek letter organization. Membership in one of the social fraternities and sororities can be a valuable experience. These organizations strive to assist members in developing leadership skills, personal growth opportunities, and work to build a community that fosters lifelong bonds of brotherhood and sisterhood. Each organization places an emphasis on philanthropy and service as a foundation for their success. Most organizations have a minimum GPA requirement, which varies from organization to organization. Each Greek organization is supported by one of the three governing bodies of Fraternity and Sorority Life:

Interfraternity Council – the governing body for Wofford College's six IFC fraternities on campus (Kappa Alpha Order, Kappa Sigma, Pi Kappa Alpha, Pi Kappa Phi, Sigma Alpha Epsilon, Sigma Nu).

Panhellenic Council – the governing body for our four National Panhellenic Conference sororities on campus (Delta Delta Delta, Kappa Alpha Theta, Kappa Delta, Zeta Tau Alpha).

National Pan-Hellenic Council – the governing body for our two historically African American fraternities on campus (Omega Psi Phi and Kappa Alpha Psi).

## Student Activities

The goal of Student Activities (<http://www.wofford.edu/sociallife/>) at Wofford is to provide a wide variety of opportunities for a vibrant social life for all Wofford students. Wofford Activities Council (WAC) is a committee of Campus Union responsible for planning and implementing campus-wide social, cultural, recreational and intellectual events throughout the year. WAC meets weekly to plan programs and events, including monthly movie nights, pop-up events, Homecoming Week, Spring Weekend, Wofford's Got Talent and a host of other large events.

Wofford Live is the concert committee of Campus Union, responsible for hosting band parties each semester and Spring Concert. Wofford Athletics and Recreation Committee (WAR) is a committee of Campus Union who is responsible for planning and implementing student tailgates, watch parties for professional and Wofford sporting events, and helps increase student section attendance for all sports teams.

Student organizations/clubs interested in hosting an event on campus can apply for funding through Campus Union.

## Awards

The following awards are among those given annually through the college in recognition of student excellence in community service, scholarship, and leadership achievements.

*The American Legion Award:* Given to seniors for demonstration of academic excellence, courage, and campus citizenship.

*The Association of Multicultural Students (AMS) Eric L. Marshall Legacy Award:* Honors the positive and lasting legacy that Eric L. Marshall, a 2007 alumnus, left on the Wofford community. The award is given to a senior of color who emulates leadership, sincerity, pure servant's heart, trustworthiness, honesty, citizenship and love for humankind.

*The Charles J. Bradshaw Award:* A silver bowl is presented to a senior varsity athlete whose academic, leadership and citizenship contributions at Wofford best typify the ideals and contributions of Charles J. Bradshaw, student body president in the Class of 1959, whose example as parent, churchman, public-spirited citizen and practitioner of the American business system has brought honor to his alma mater.

*The John Bruce Memorial Award:* Given to the senior Bonner Scholar who has best demonstrated an overall commitment to the Bonner Program and its goals. The recipient is selected by fellow Bonner Scholars.

*The George A. Carlisle Award:* Made annually to the outstanding senior student member of the choral groups at Wofford. This award, honoring the memory of George A. Carlisle, a 1920 Wofford graduate and noted lyric tenor soloist, includes a cash stipend, an appropriate memento,

and recognition on a plaque permanently displayed in the Campus Life Building.

*The W. Norman Cochran Award:* Given for outstanding achievement in the field of student publications.

*The Dean's Award:* Given in those years in which a senior has made unusual contributions to the faculty and the academic program.

*The Henry Freeman Award:* Given to a senior who either begins a new volunteer program or breathes new life into an established one. This award is given only in years when there is a deserving recipient.

*Helmus Poetry Prizes:* Given for outstanding achievement in the writing of poetry.

*The Global Citizen Award:* Recognizes excellent academic and intercultural performance on a study abroad program, careful reflection upon return, and integration of skills acquired abroad into the senior year curriculum and future plans

*The Honor Graduate Award:* Presented annually to the graduating senior who has attained the highest grade-point average.

*The William Stanley Hoole Award:* Named for William Stanley Hoole, Class of 1924 and captain of the 1923 Wofford football team and awarded annually to the senior intercollegiate athlete with the highest academic average.

*The Walter E. Hudgins Award:* A medallion and a cash prize from an endowment fund created with memorial gifts and a bequest from the estate of Dr. Walter E. Hudgins, who was professor of philosophy at Wofford from 1972 until his death in 1986. This award honors students who not only perform well academically but also display intellectual curiosity and zest for learning and life outside the regular academic curriculum.

*Journal Awards:* Given for outstanding achievement in the writing of short stories.

*The Kinney/Pi Kappa Alpha Award:* Presented each year to the senior brother of Pi Kappa Alpha social fraternity who best exemplifies good campus citizenship, leadership and scholarship.

*The William Light Kinney III Award:* Presented each year to the outstanding first-year student member(s) of the Campus Union Assembly. It is named in honor of the late William Light Kinney III.

*The J. Lacy McLean Award:* Recognizes leadership and commitment to public affairs through community service.

*The William James McLeod Award:* A silver bowl and an honorarium is presented annually to a graduating senior who has demonstrated potential for future dedicated and selfless service to the church, the state, the nation, and Wofford College. His or her academic record, moral character, and community and college service are considered in making the selection. This award honors the ideals exemplified by the life of William James McLeod, who was a merchant and farmer of Lynchburg, S.C., known for his service to his nation as an infantry officer, his state as a public official, the church as a Methodist layman, and Wofford College as a member of its first board of advisers from 1888 to 1890.

*Military Science Awards:* Awarded by various organizations to students enrolled in Military Science for outstanding character, performance, and potential for service. The outstanding Wofford cadet each year receives

the Maj. Gen. James C. Dozier Award, named in honor of a member of the Class of 1919 who won the Medal of Honor in World War I.

*The Outstanding Citizen Award:* Given to the senior who has shown the greatest concern for and given the greatest service to the general improvement of Wofford College.

*The President's Award:* Given in those years in which a senior has made unusual contributions to the college.

*The Presidential Global Studies Scholarship:* Given to one or more rising junior or senior selected annually to study the language and culture of one of the world's most influential nations — Brazil, Russia, India, China, Turkey, or South Africa—focusing on a topic of the student's own choosing. A stipend covers costs. This unique opportunity is provided by a friend of the college to expose students to the diversity of cultures and problems that define the contemporary world.

*The Presidential International Scholar Award:* Given to a rising junior or senior selected annually to plan and conduct study and travel in developing nations of the world. A stipend covers costs. This unique opportunity is provided by a friend of the college to expose students to the diversity of cultures and problems that define the contemporary world.

*The Arthur B. and Ida Maie S. Rivers Award:* Presented annually to the member of the senior class who most exemplifies traits of integrity, virtue, gentleness and character. This award is supported by an endowment fund given by the late retired Col. R. Stafford Rivers, of Columbia, S.C., in memory of his parents.

*The Currie B. Spivey Award:* Given annually to the member of the college community whose work in the area of volunteerism has been truly exemplary. The award is presented in memory of Currie B. Spivey, a business leader, devoted volunteer and member of the board of trustees.

*The Algernon Sydney Sullivan Award:* Awarded annually by the college, as authorized by the Sullivan Foundation, to two men, one a member of the senior class, the other a non-student, in recognition of nobleness and humanitarian qualities of character.

*The Mary Mildred Sullivan Award:* Awarded annually by the college, as authorized by the Sullivan Foundation, to two women, one a senior student, one a non-student, in recognition of humanitarian character and in memory of Mary Mildred Sullivan, a woman of rare gifts, overflowing love and unending benevolence in the service of humankind.

*The Switzer/Pi Kappa Phi Fraternity Leadership Cup:* Presented annually to the senior member of Zeta Chapter of Pi Kappa Phi social fraternity who best exemplifies the standards of excellence in leadership, academics and social responsibility that are the foundations of both Wofford and the fraternity. The award plaque and the permanently displayed cup are given by James Layton Switzer, Class of 1980, and Paul Kent Switzer, Class of 1977.

*Heart of a Terrier Awards:* Given to those students who have made a positive and measurable difference on the campus and excelled in scholarship, leadership, campus citizenship and service.

*The Benjamin Wofford Prize:* Awarded for the novella judged clearly superior in the novel-writing course.

# Tuition & Fees

For each academic year, the Wofford College Board of Trustees establishes comprehensive fees (<https://www.wofford.edu/administration/business-office/billing-tuition-and-fees/>) for resident and commuting students. These fees are set at the levels required for meeting the costs of the college's program, after those costs have been offset by endowment and other investment earnings and by annual gifts from alumni, parents, businesses, United Methodist churches, and other friends of the college.

The schedule for 2022-2023 fee payment was set as follows:

	Payment Period 1	Payment Period 2
Resident Student	\$36,550	\$29,900
Commuting Student	\$28,340	\$23,190

The first payment period includes the fall semester and the Interim. A student who matriculates for the fall semester is responsible for payment for the entire period even if he or she elects not to attend the Interim. The second payment period is for the spring semester.

The comprehensive fee includes tuition and student activities fees, and in the case of resident students, includes room, board and limited health care services (p. 18). It provides for each student one copy of the college annual (but note that the staff of the annual has the authority to make additional charges for personal photographs appearing in it) and subscriptions to other student publications, admission to home athletic events, and participation in all organizations and activities that are intended for the entire student body. No assessment by classes or by the student body can be made except by special permission of the college administration.

The comprehensive fee also does not include the \$250 damage deposit that must be paid by each resident student. This deposit is held by the college as long as the student reserves or resides in college housing. When there are residence hall damages for which a student is held responsible, the student will be charged for them and the charges will be deducted from the deposit. The deposit balance must then be restored to \$250 during which time the student will reside in college housing. At the time a student ceases to reserve or reside in college housing, the balance of the deposit becomes refundable.

The comprehensive fee also does not include coverage for the costs of travel, subsistence, or activities on foreign trips or other off-campus travel.

The comprehensive fee does not include fees associated with Interim programs. Fees required by the Interim program for which the student is registered will be billed separately in late fall. Payment for these fees must be received by the due date on the bill in order for the student to participate in the Interim program.

Students enrolled in courses totaling fewer than **nine** semester hours pay tuition on a credit-hour basis and are considered part-time. The current charge per credit-hour and all required part-time fees may be obtained from the Business Office (<https://www.wofford.edu/administration/business-office/billing-tuition-and-fees/>).

Persons other than full-time Wofford students are charged for auditing a course. The current charge may be obtained from the Business Office

(<https://www.wofford.edu/administration/business-office/billing-tuition-and-fees/>).

Summer fees are found on the Summer School (<https://www.wofford.edu/academics/registrar/summer-school/>) website and all other tuition and fees can be accessed at through the Business Office (<https://www.wofford.edu/administration/business-office/>) website.

## Payment Regulations

Scholarships, grants and loans are credited to students' accounts at the beginning of each payment period. The college offers two options for payment of the balance of the comprehensive fees:

1. Payment in full of the balance due for the first payment period by August 15 and for the second payment period by January 15,

### OR

2. Payment of the balance of the full annual (Fall + Spring balance) comprehensive fee in 10-equal installments each month or a per semester plan (6-pay Fall/4-pay Spring) beginning as early as June 1 and not later than August 1 and ending March 1. (The installment plan requires payment of an annual participation fee.) A student must either have paid the balance of the comprehensive fee for the period (option 1) or arranged participation in the installment program (option 2) prior to the respective due dates for each semester. The college reserves the right to amend the terms of any installment plan offered. If any portion of the balance due is not paid prior to the respective due date, the Business Office must be contacted immediately or the student will not be permitted to register for classes or to occupy college housing. If outstanding balances are not resolved prior to the fifth (5<sup>th</sup>) day of classes of either the Fall or Spring semester, the student will be withdrawn from all classes.

Return of any portion of the comprehensive fee paid will be made only in the case of permanent withdrawal from the college. The amount of any refund is determined by the schedule below:

During the first 5 days of class:	90%
Between the 6th and 21st day of class:	60%
After the 21st day of class:	No refund

The college will return the unearned portion of federal Title IV student aid based on a percentage of the comprehensive fee for the period. After 60 percent of the payment period has elapsed, a student is no longer eligible for a refund for that period. A detailed explanation of the refund calculation for federal student aid is included annually in the college's Financial Aid Handbook or is available from the Financial Aid Office. (<http://www.wofford.edu/financialAid/>) The college reserves the right to alter the published refund schedule annually to conform to regulations.

The Student Handbook (<http://www.wofford.edu/uploadedFiles/studentLife/Student%20Handbook.pdf>) explains policies related to fines, returned checks and other miscellaneous charges that students may incur. Students who do not clear all debts to the college in accordance with stated policies will be separated from the college.

Transcripts will not be issued by the Registrar to or for students or former students who have financial obligations to the college, including payment due on any student loans made under federally governed programs administered by the college's Financial Aid Office.

In all laboratory courses, students are required to pay the cost of replacement of any apparatus or materials broken or damaged.

## Reservation Deposits

Both resident and commuting students are required to pay nonrefundable deposits to reserve their places in the student body for the next year. The amount of required deposit is \$500 for resident students and \$300 for commuting students. The deposit is credited to the student's account and is therefore deducted from the comprehensive fee due at the time of payment for the fall semester.

All reservation deposits paid, including those paid by entering first-year students and transfer students, are nonrefundable.

Currently enrolled students who plan to return to the college for the fall semester are expected to pay their reservation deposits in the spring semester by the announced due date. In the case of resident students, room assignments for the fall semester will not be made before the deposits are paid. Because campus housing space is in demand, there are no guarantees that rooms will be available for those who do not pay the deposit by the due date.



# Financial Aid & Scholarships

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Wofford College assists many students with educational expenses through its scholarship and financial aid programs supported by federal and state funds, by gifts from friends of the college, and by the college's own resources. Assistance is provided in the form of grants and scholarships, loans, and student employment opportunities. Wofford scholarships normally are not available in the summer. For summer terms, student and parent loans may be the only available resources.

Most assistance at Wofford is awarded on the basis of financial need, but significant amounts are awarded as merit scholarships that may include academic excellence, leadership, career plans, or contribution to student activities such as theatre, choral or instrumental groups, studio art, volunteer services, ROTC or athletic teams. The application for scholarship consideration is the completed application for admission to the college. Separate applications are required for the GOLD Scholarship, the Bonner Scholar Program and The Launch Program. Information about these programs and applications are available on the Financial Aid (<http://www.wofford.edu/financialAid/>) website. The scholarship and financial aid programs as well as policies and procedures are described in detail in the *Financial Aid Handbook* which is updated annually and available on the college's financial aid website. (<http://www.wofford.edu/financialAid/>) Applicants for and recipients of financial aid should refer to the website for specific information on the various financial aid programs and the process for establishing and maintaining eligibility. The criteria for scholarships vary. Most require recipients to demonstrate good citizenship and maintain academic excellence. Scholarships are available for a total of eight semesters provided the student meets renewal criteria which are defined on the financial aid award offer and in the handbook.

The application for federal, state, and other scholarship programs awarded on the basis of need is the **Free Application for Federal Student Aid (FAFSA)** for the academic year. All students and their families are strongly encouraged to submit the FAFSA in order to establish eligibility for all available funds. The FAFSA is available for completion at FAFSA.gov (<http://www.fafsa.ed.gov>). For prospective students, the priority deadline to file the FAFSA is January 1. By reviewing the completed application for admission and current-year FAFSA, the Financial Aid Office will combine aid for which the student is eligible from all sources of scholarships, grants, loans and work.

For returning students, the FAFSA deadline is March 15. Award notification for returning students usually is processed and sent in early summer. Currently enrolled students are considered for upper class departmental scholarships by faculty committees based on major, career interest, academic performance, and availability of designated endowed scholarships.

With limited exceptions, financial aid and scholarships may not be awarded in excess of the amount required for meeting the student's billable educational expenses (tuition and fees, room and board) unless the student is awarded student and/or parent loans. In other words, a boarding student with only grant and/or scholarship assistance (federal, state, and/or institutional) may not receive aid in excess of the total amount of the comprehensive fees (tuition, fees, room, and board) and an allowance for books. For a day student, no such scholarship, grant or combination of scholarships and grants may exceed the total of tuition and fees and an allowance for books. In no case may the book allowance

exceed the college's budgeted allowance for books and supplies or the actual cost of required books and supplies.

A limited amount of part-time employment positions are available to students on campus. The *Federal Work-Study Program* is the largest of the employment programs. It is supported by federal funds and provides assistance to students who demonstrate financial need. Eligibility for Federal Work Study does not guarantee the student will obtain a job. There may be positions available to students who have Federal Work Study eligibility in the local community with public service or non-profit agencies and organizations. The college also offers a limited number of on-campus jobs without regard to students' financial need. All available positions are posted on Handshake (<https://app.joinhandshake.com/auth/?auth=873>) which can be accessed via the Handshake link found under System Links on the student's myWofford home page. Please refer to the Financial Aid Handbook for additional information regarding student employment programs offered at Wofford.

## Satisfactory Academic Progress

The Satisfactory Academic Progress rule consists of both a Qualitative Component and a Quantitative Component. The Qualitative Component consists of grades, or comparable factors that are measurable against a norm. At Wofford, the acceptable qualitative component measure is a minimum cumulative GPA of a 2.00. The Quantitative Component assesses a student's advancement toward completion of his or her program of study. At Wofford the acceptable quantitative component is measured by earning at least 67% of the hours attempted each academic year. Student progress is assessed at the end of each academic year.

Students in jeopardy of losing aid are notified as soon as final grades are made available and the student record assessed for satisfactory academic progress. Federal regulations also specify that a student must complete their degree within 150 percent of the published length of the program. At Wofford, students are required to earn 120 credit hours to graduate. That means the maximum time frame for a student to receive federal aid is 180 attempted credit hours. There is no appeal process for the maximum time frame regulation.

In order to receive aid from federal, state and institutional programs administered by the Financial Aid Office (<https://www.wofford.edu/admission/financial-aid/>), a student must maintain satisfactory academic progress in his or her course of study. First-year students are presumed to be in good standing throughout their first year provided they carry at least a half-time course load. Satisfactory progress for these students is assessed at the end of their first year. ***Students who fail to maintain satisfactory academic progress will not receive financial aid from the following sources:***

- Federal Pell Grant
- Federal Supplemental Educational Opportunity Grant
- Federal Work-Study
- Federal Direct Subsidized Loan
- Federal Direct Unsubsidized Loan
- Federal Direct PLUS Loan
- South Carolina Tuition Grant
- South Carolina Merit Scholarship Funds (Palmetto Fellows, LIFE, and HOPE)
- Wofford College scholarships, grants or employment

In cases where a student may be allowed to continue at Wofford, even though academic standards have not been met, financial aid may be offered on a probationary basis for one semester if mitigating circumstances so warrant. If standards of progress are not met at the end

of that semester, financial aid eligibility is lost until the student regains good standing or submits an appeal that is approved by the Scholarship and Financial Aid Committee. Full-time students are required to earn a minimum of 67% of hours attempted each academic year (September-August). Many federal, state and institutional grants and scholarships have higher standards. Renewal criteria for these funds have been listed in detail in the The Financial Aid Handbook (<https://www.wofford.edu/admission/financial-aid/>) for the specific academic year, and in fund specific messages on individual award letters. Students should contact the Financial Aid Office if they are uncertain of renewal criteria for specific awards.

### Satisfactory Academic Progress and Academic Standing

Satisfactory Academic Progress also requires the student's academic record remain above the level of academic exclusion. Academic exclusion is explained in the college *Catalog* under Academic Standing (p. 35). Exceptions to the exclusion policy may be granted by the Academic Standing Committee through an appeal process. However, the approval of an academic exclusion appeal will not automatically reinstate financial aid eligibility. The student must re-establish satisfactory academic progress for financial aid and scholarship purposes.

Excluded students that re-enter the college may establish satisfactory progress by earning grades that are high enough to bring the cumulative GPA above the exclusion level *OR* by earning a 2.00 in at least 12 hours for the semester. The GPA levels required to remain above the exclusion level are outlined in the Academic Standing (<http://catalog.wofford.edu/academics/academic-standing-probation-exclusion/>) portion of this catalog. The student will not be awarded federal, state or college funds administered by the Financial Aid Office until the GPA requirement has been satisfied. For this purpose, the student will be evaluated at the end of the regular semester or at the mid-term point of the semester in which he or she re-enters the college. If satisfactory progress has been re-established, payment of aid for which the student is eligible will be made, provided funds are available at that time. If satisfactory academic progress is re-established in a summer term, the student is not eligible for aid until the beginning of the next term/semester. Awards then will be made if funds are available.

For part-time students the requirement of hours earned for satisfactory progress will be prorated on the basis of the student's enrollment status (half-time, three-quarter-time, etc.). Students should consult the Financial Aid Office to determine the number of hours required in his or her individual case.

### Course Program of Study (CPoS)

Federal Title IV regulations stipulate that a student may only receive Federal Title IV Funds (Pell Grant, Supplemental Educational Opportunity Grant, Federal Work Study, Subsidized and Unsubsidized Direct Student loans and Direct Parent PLUS Loans) for courses that count towards their degree. To comply with this regulation, institutions must track whether or not the courses a student is registered for count toward completion of their degree program. Financial aid offers are initially based on full-time enrollment (12 hours). Federal financial aid is paid **ONLY** for courses that are part of the student's current degree plan. Each student can view the courses that apply toward their degree program on their degree audit which is available through DegreeWorks. While the Office of Financial Aid monitors this program, it is the student's sole responsibility to enroll in acceptable courses that count toward their degree and declare their major(s) and/or minor(s) accordingly.

### Time Limitations on Financial Aid Awards

Awards to students of Wofford funds will be limited to eight semesters of enrollment. The Wofford Employee Dependent benefit is limited to eight semesters of enrollment and 24 hours to be used exclusively for summer school. There is an appeal process for those students requiring an additional semester of Wofford funding to complete degree requirements. Eligibility for less than full-time and for transfer students will be prorated. For loan programs, there are maximum amounts that can be borrowed while pursuing an undergraduate degree. Certain college funds (academic scholarships, tuition exchange benefits, pre-ministerial grants, and grants to dependents of United Methodist ministers) are limited to eight semesters. Eligibility for all Wofford College grants and scholarships administered by the Financial Aid Office shall terminate upon completion of degree requirements.

### Appeal Process

If a student believes there are extenuating circumstances and wishes to appeal the termination of aid, s/he must file a request in writing to the Director of Financial Aid within 10 days of being notified by the Director that s/he is no longer eligible for financial aid. The appeal will be reviewed by the Scholarship and Financial Aid Committee, and the student will be notified of the Committee's decision. The Committee is composed of the Director of Financial Aid, the Director of Admission, the Registrar, and other members of the administrative staff as necessary.

## Endowed Scholarships

Endowed scholarships are established by donors who specifically give gifts to the college to develop a fund that will last in perpetuity. These funds become a part of the college's permanent endowment. Awards are made from a portion of the interest earned on the endowment. The college offers two opportunities to establish an endowed scholarship:

1. A minimum of \$50,000, payable over five years, establishes a named, permanently endowed scholarship.
2. A commitment of \$25,000, payable over five years, coupled with a documented estate/insurance plan for an additional \$100,000, establishes a named, permanently endowed scholarship. This option offers the donor the opportunity to establish the scholarship with a lower initial gift when it is combined with a generous planned gift.

Each of the funds requires that scholarship recipients demonstrate outstanding character, academic achievement, and potential for contribution to society; some have additional requirements for eligibility. Any such conditions are noted in the descriptions of the individual funds.

## Endowed Funds to Be Established

Scholarship funds in this category are also known as building funds.

These funds are not available for award because they have not yet reached the required financial level for activation, but they are building toward their activation level. These funds are invested with our endowment and the earnings are added to them. Donors are encouraged to continue to give to these funds to help them grow. Once their activation levels are reached, a portion of the interest earned is used for scholarships.

## Annually Funded Scholarships

Scholarships listed in this category are awarded annually, but are not permanently endowed funds. These funds exist through annual contributions by donors to Wofford for the purpose of making annual scholarship awards.

Since these scholarships are a means of funding for Wofford College merit and need-based awards and are **not** a source of additional scholarship assistance, there is no application for these funds. New and returning students will automatically be considered and matched to a particular scholarship, if the student meets the eligibility requirements as stated in the specific scholarship description. If a student is matched with a scholarship, the Office of Advancement will reach out to request that a thank you note be written to the scholarship donor(s). Persons needing additional information on this process or how to apply for other basic financial assistance should contact the Financial Aid Office directly.

The Office of Advancement (<http://www.wofford.edu/supportWofford/>) website provides a complete description of the endowed and annually funded scholarships.

## Veterans Benefits

Wofford College participates in the veterans benefits program to assist VA students in using their veteran affairs benefits to attend college. The Registrar's Office provides assistance in matters relating to applying for benefits, certification of enrollment, and transmitting necessary enrollment information to the proper VA regional office. For more detailed information pertaining to your benefits and how to apply, please visit the VA website (<http://va.gov>) which is the government website, or the College's veterans benefits information page.

The Registrar's Office is not a part of the U.S. Department of Veterans Affairs, Veteran Benefits Administration, or employed by the Department of Veterans Affairs.

# Academic Policies

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Degree requirements are the purview of the faculty. The awarding of degrees is based on requirements created and approved by them.

In addition to degree requirements, the faculty have also established academic policies and regulations to preserve the academic integrity of the institution. Students are required to know, understand, and comply with the regulations as outlined in this *Catalog*.

## FERPA Annual Notice

Wofford College complies with the Family Educational Rights and Privacy Act of 1974 (<http://www2.ed.gov/policy/gen/guid/fpco/ferpa/>), as amended, (commonly referred to as the “Buckley Amendment or “FERPA”). The Act is designed to protect the confidentiality of records that educational institutions maintain on their students and to give students the right to access those records to assure the accuracy of their content. A student is a person who attends or who has attended the college. The Act affords you, as the student, the following rights:

1. The right to inspect and review your education records within 45 days of the day the college receives a written request for access.
2. The right to request an amendment of your education records if you believe they are inaccurate or misleading.
3. The right to consent to disclosures of personally identifiable information in your education records, except to the extent that the Act or any superseding law authorizes disclosure without your consent.
4. The right to contact the U.S. Department of Education, Student Privacy Policy Office (<https://studentprivacy.ed.gov/?src=fpco>), concerning the college’s compliance with the requirements of the Act.

Generally, FERPA requires that written consent of the student be obtained before personally identifiable information about the student is released. Institutions may release, without written consent, those items specified as public or directory information. Directory information at Wofford College is currently defined as:

Student’s full legal name  
 Student’s preferred name  
 Local and permanent address  
 Local and permanent telephone number  
 Email address  
 Hometown  
 Dates of attendance  
 Major and minor fields of study  
 Enrollment status  
 Class standing (e.g. junior)  
 Previous educational institutions attended  
 Participation in officially recognized sports and activities  
 Height and weight of student athletes  
 Awards and honors (e.g. Dean’s List)  
 Degree(s) conferred  
 Photographic or videotaped images of the student

Wofford can disclose directory information to a third party with a legitimate request if we determine that it is in your best interest, unless you specifically inform the Registrar’s Office in writing not to release this information.

As of Jan. 3, 2012, the U.S. Department of Education’s FERPA regulations expand the circumstances under which your education records and personally identifiable information (PII) contained in such records — including your Social Security Number, grades, or other private information — may be accessed without your consent. First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local education authorities (“Federal and State Authorities”) may allow access to your records and PII without your consent to any third party designated by a Federal or State Authority to evaluate a federal- or state-supported education program. The evaluation may relate to any program that is “principally engaged in the provision of education,” such as early childhood education and job training, as well as any program that is administered by an education agency or institution. Second, Federal and State Authorities may allow access to your education records and PII without your consent to researchers performing certain types of studies, in certain cases even when you object to or do not request such research. Federal and State Authorities must obtain certain use-restriction and data security promises from the entities that they authorize to receive your PII, but the Authorities need not maintain direct control over such entities. In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain, and share without your consent PII from your education records, and they may track your participation in education and other programs by linking such PII to other personal information about you that they obtain from other Federal or State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

A more detailed description of FERPA is available from the Office of the Registrar (<http://www.wofford.edu/registrar/FERPA/>).

## Communications with Faculty/ Staff

Students are expected to respond to all communications from members of the faculty and staff of the college the next business day. The official method of communication is the campus email address as each student is assigned a Wofford College email account upon entry. Each student is also assigned a campus post office box where they may receive notices and requests from college personnel. Both the campus email address and the campus post office box (CPO) are preferred communication channels.

***Students are expected to check their campus email and post office box daily and respond to staff and faculty by the end of the next business day. Failure to regularly check and read official methods of communication may result in missed opportunities, including deadlines for registration, financial aid, coursework, or campus activities.***

## Academic Honesty

Essential to Wofford’s academic program is the integrity of student work. Representing someone else’s work or idea as one’s own, collaborating in unauthorized ways with peers, cheating or lying in a course or other academic context—these are all serious offenses.

Academic honesty at Wofford is governed by the Honor Council, a group of students entrusted to uphold the Honor Code. At the beginning of each semester, a summary of Honor Council hearings from the prior semester, including the number and types of cases considered and the sanctions

imposed, will be published in *The Old Gold & Black*. No information that would identify specific individuals will be included in any published report.

The possible penalties for a student found guilty of academic dishonesty are as follows:

- F in the course, replaceable (the course may be repeated to improve GPA)
- F in the course, non-replaceable (the course may not be repeated to improve GPA)
- Workshop in either research and/or time management
- Suspension for a semester or more
- Expulsion from the college

Suspension is defined as the separation of a student from Wofford College for a fixed period of time (usually from the time remaining in the academic term up to a full academic year). Wofford will not accept for credit any coursework undertaken at other institutions by a student during his or her term of suspension. Students who have been suspended must submit the Application for Readmission to the Office of the Registrar at least thirty days before the start of the semester/term in which they seek to return. However, readmission is not guaranteed. The Registrar may consult with the Provost, Dean of Students, and other appropriate faculty or staff prior to rendering a readmission decision.

Expulsion is defined as permanent separation of a student from Wofford College. Students expelled from the College are not eligible to return.

A complete description of the Honor Code can be found in The Student Handbook. (<https://www.wofford.edu/student-experiences/links-resources/>)

## Academic Advising

### Advising for First-Year Students and Sophomores

Upon entering the college, each new student is assigned a general education advisor. This relationship continues until the student declares a major, which typically occurs during the student's second year of enrollment. Before students register for classes, they plan their class schedule and academic program with the assistance of their advisors.

After the student and advisor confer, the advisor will release the advising hold, allowing the student to register.

Beyond registration, advisors are available as resources throughout the year to offer curricular or non-curricular guidance. To benefit from advisors' ability to support students with sound, helpful counsel in the critical first two years of college, first-year students and sophomores should contact their advisors with questions about their academic plans or progress or for referral to other campus resources. Individualized success plans may be put in place to encourage students on academic probation to avail themselves of advising and academic success services.

### Advising for Juniors and Seniors

By March 1 of the sophomore year, students are expected to specify the academic program in which they intend to major. They do this by completing the major declaration form which is available in myWofford.

As part of the declaration process, the student will meet with the department chair or program coordinator of their intended major. A faculty member within the department will be assigned as the student's advisor for the junior and senior years. During that time, students should

consult their advisors on all matters concerning their academic progress and plans: majors, graduate school, professional preparation, and related work. Major advisors can also refer students to resources important to their academic progress and plans. As are first- and second-year students, juniors and seniors are required to meet with their advisor to review their class schedule and secure the release of their advising hold prior to registration.

## Advising for Transfer Students

Students who transfer to Wofford from another institution will initially be assigned an advisor from the Office of the Registrar (<https://www.wofford.edu/academics/registrar/>). The Registrar's Office will apply the accepted transfer credit to the student's Wofford transcript and advise the student about coursework appropriate for the first semester of enrollment at Wofford. The Registrar's Office will register transfer students for their first semester of classes. The students will register themselves for subsequent semesters after meeting with their advisor to review their plans and release their advising hold. After the student formally declares a major, a faculty advisor in that major department will advise the student for the remainder of their academic career at Wofford.

## Pre-Professional Advising

Designated members of the faculty advise students in certain programs of study that integrate majors and/or courses from different disciplines of study (e.g. professional schools in medicine, dentistry, nursing, veterinary medicine, pharmacy, Christian ministry, engineering, law, and education).

Advisors and students in these programs collaborate to outline plans of study that complete the degree requirements of the college, are appropriate to the students' interests, and fulfill the requirements necessary to apply to the professional schools and programs of their choosing.

## Study Abroad Advising

The Office of International Programs provides advisement for students planning to participate in one of Wofford's study abroad programs, reviewing the various options and courses available through Wofford's many study abroad partners. Students should speak with an advisor in the Office of International Programs early in their academic career to best plan for their global learning experience.

## Tutoring Services

The Director of Peer Tutoring organizes upper-level students to serve as tutors for fellow students who may need help with their studies. Peer-tutors are selected by the faculty and paid by the college. Students interested in receiving learning assistance can access information about peer tutoring in myWofford, or they can contact [peertutor@wofford.edu](mailto:peertutor@wofford.edu) ([PeerTutor@wofford.edu](mailto:PeerTutor@wofford.edu)).

## Classification

Classification is determined by the total number of credit hours earned. Students are considered part of the following classifications based on the credit hours indicated:

- First-Year: 0-29 hours
- Sophomore: 30-59 hours
- Junior: 60-89 hours
- Senior: 90 or more hours

Some courses have restrictions based on classification. For example, certain sections of courses are only open to first-year students while others like major capstone courses are only available to seniors.

Eligibility certifications for financial aid or the NCAA may have different rules based on classification and/or number of credit hours attempted or earned.

## Registration & Enrollment

To be considered a full-time student, students must register for a minimum of 12 credit hours. The typical course load is 12-15 credit hours during fall and spring semester and one three-hour project during Interim.

A student in good standing may take up to 18 credit hours without special permission. Students wishing to take more than 18 hours must receive permission from the Office of the Registrar and have a minimum cumulative GPA of 3.00 or better. Students on academic probation are restricted to 15 credit hours and must also receive special permission from the Office of the Registrar to take more than 15 credit hours during the fall or spring.

Students otherwise eligible to live in residence halls, but enrolled in less than 9 credit hours during a regular semester, or for any Interim which they are not taking a 3 credit-hour project, must obtain special permission from the Dean of Students.

Continuing students must schedule an advising appointment with their faculty adviser in order to have their class schedule approved and their advising hold removed prior to registration for the fall and spring semesters. An advising appointment is not required for Interim or summer school registration. However, students are encouraged to consult with their adviser if they have any questions regarding registration for any semester or term.

To be permitted to register for classes, students must clear all holds and financial obligations to the college. This includes library fines and parking tickets. In the spring semester, students must pay their reservation deposits for the following year prior to registration for the fall semester.

## Adding & Dropping Courses

Students may update their schedule of courses during the first 5 class days of the fall and spring semesters. Add/drop for Interim, Summer I, and Summer II is limited to the first two days of the term. Adding courses is subject to availability. Courses dropped during the official add/drop period will not appear on the student's transcript.

## Withdrawing from Courses

Students wanting to exit a course after the add/drop period may do so by completing the Course Withdrawal Form (<https://www.wofford.edu/academics/registrar/forms/>) available on myWofford. Withdrawing from a course can have significant consequences on degree progress, full-time

student status, and even financial aid and scholarship eligibility including that of student-athletes and veteran's benefits recipients. With regard to degree progress, students should always seek advice from their instructors and advisers when considering withdrawing from a course. For financial aid and scholarship concerns, students should contact the Financial Aid Office (<https://www.wofford.edu/admission/financial-aid/>).

All courses the student is enrolled in after the official add/drop period will appear on the student's transcript. This includes courses from which a student has withdrawn. Students withdrawing from a course by the official deadline, as noted on the Academic Calendar (p. 5), do so without academic penalty. The grade assigned will be a 'W' which does not factor into the earned credit hours or GPA. This policy applies to all courses (those graded A-F as well as those graded P/U) and for all withdrawal reasons (student initiated, administrative, and medical).

Students withdrawing from a course after the official deadline, as noted on the academic calendar, will receive a grade of 'F' (for courses graded A-F) or 'U' (for courses graded P/U). This policy applies in all circumstances, including administrative withdrawals initiated by the faculty member.

In the case of a medical withdrawal from the college, students can receive a grade of 'W' after the official withdrawal deadline, if approved by the Wellness Center. Students must follow the procedures associated with requesting a medical withdrawal from the college which includes providing appropriate documentation to the Wellness Center. If approval is granted, the grade assigned will be a 'W'. If approval is not granted, the grade assigned will be an 'F' or 'U' as applicable.

***Some financial aid awards require that recipients be enrolled full-time. Financial aid recipients, including student-athletes, veterans or students receiving Veterans Benefits, and international students, should consult the Financial Aid and Registrar's Offices before they drop any course at any point in the semester.***

## Auditing Courses

Auditing a course allows a student to take a class without the benefit of a grade or credit for the course. A student who audits does so for the purpose of self-enrichment and academic exploration. The option to audit a course is predicated on a space-available basis only and requires the permission of the instructor and the Registrar. A student wishing to audit a course must contact the Office of the Registrar to determine space availability. An auditor is considered a passive learner and may not take examinations, but is expected to attend classes with reasonable regularity. Under no circumstances may an audit be changed to a registration for credit, or a registration for credit be changed to an audit, after the end of the add/drop period. The notation 'AU' (Audit) will be noted on the student's transcript. Students auditing a course will not receive credit and the grade of 'AU' does not count in the GPA. A per-course fee is charged to part-time and non-credit students who audit a course.

## Course Cancellation

Wofford reserves the right to cancel a course that is considered under enrolled or for any other cogent reason.

## Summer Session

Summer school (<https://www.wofford.edu/academics/registrar/summer-school/>) is conducted in two terms of five weeks. Summer I begins in June and Summer II begins in July. The summer academic program reflects the same general purpose as that of the fall and spring semesters. It also provides special advantages in allowing both current and new students an opportunity to accelerate their work toward their bachelor's degree and in permitting students to make up academic deficiencies they may have incurred.

In each term, summer courses normally meet five times weekly, Monday through Friday, in daily class sessions of 105 minutes per course. In addition, science courses have laboratories three afternoons a week meeting for approximately three hours each day. Most summer courses are three or four credit hours each. Students may undertake a maximum of two courses per term for a total of seven credit hours. The only exception to the two course/seven credit hour maximum relates to interim courses. A student who registers for an interim course during Summer I or Summer II may only take that one course. Hence, the maximum credit hours allowable for students completing an interim course in a particular term is three.

The teacher-certifying bodies of the various states, including South Carolina, have their own rules for applying course credits toward teachers' certificates and teachers should acquaint themselves with these rules before enrolling in summer courses.

## Class Attendance

Students are expected to attend all scheduled classes and activities for the courses in which they are registered for credit. If they do not do so, they must accept the personal academic consequences of that behavior. It is in class meetings that students not only receive instruction, but engage in discussion, present responses and listen to those of fellow students. In such a teaching/learning process both the student and the class suffer a loss when the student is absent.

### Student Responsibilities Regarding Absences

Absences from class, including those excused in accord with the provisions outlined below, do not excuse students from the responsibilities they bear for fulfilling the academic requirements of their courses. Instructors will determine whether make-up work will be required or permitted for students who miss tests or other course work because of their absence from class for reasons other than documented illness and participation in official college events. When absences are excused, the instructor will make a reasonable effort to help the student make up missed work in some non-punitive way. But in every case of missed class, students are ultimately responsible for the material and experiences covered during their absence.

A student who is absent from a final examination for a reason deemed acceptable by the instructor may request permission to take the final examination at a later date during the exam period. Permission to take a final examination after the end of the examination period will be granted only in extenuating circumstances. Typically, students will receive a grade of Incomplete (or 'I') if they are unable to take the final examination by the end of the scheduled examination period. The grade of 'I' factors into the term and cumulative GPA as a failing grade. This will be the grade of record until a final grade is submitted. A grade of "I" is changed to an "F" if the required work is not completed by midterm the following semester.

### Other College Events

Student absences resulting from participation in official college events are generally considered excused. The policy, approved by the faculty, is as follows:

1. An official college event is either: (a) an NCAA athletic event or (b) a non-athletic event approved by the Provost. As far in advance as possible, the Provost will notify the faculty of any approved non-athletic event and will name the students who will participate in the event.
2. It is the students' responsibility to inform faculty members as soon as possible of any tests or other required work they will have to miss to participate in the event.
3. Because students bear the responsibility for completing all academic requirements of their courses, they should structure their academic and extracurricular to minimize conflicts, and make proper arrangements with their instructor when conflicts occur.

### Absences for Personal Reasons

In all matters involving a class absence for personal reasons it is the responsibility of the student to communicate with the instructor as quickly as practical that they will not be present in class. The student should discuss the need for the absence with the instructor and make arrangements to complete the required course work, preferably in advance.

1. Absences resulting from personal emergencies (such as a death in the family) are generally considered excused. In the case of an emergency, students should notify the Dean of Students or the Wellness Center (<https://www.wofford.edu/student-experiences/wellness-center/>), who will then inform the students' instructors. Students will provide confirmation of personal emergencies, if necessary. Approval for the excused absence rests with the discretion of the instructor.
2. Absences because of special events (such as the marriage of a sibling) or opportunities (such as an interview for a job or scholarship) will not automatically be excused. These are likewise to be discussed well in advance with the instructor and the student may be required to provide confirmation.
3. Students who are ill or injured should be seen by a member of the Wellness Center staff and if appropriate the Wellness Center will send a notification of medical absence through Starfish.
4. Wofford College recognizes the importance of religious and spiritual practice of diverse faiths. Students planning to be absent from class due to participation in religious holidays or observances must notify instructors no later than two weeks prior to the intended absence. Approval for the excused absence rests with the discretion of the instructor.

### Excessive Absences

A student in danger of exceeding a course's allowed absences should be warned by the faculty member through Starfish. If students exceed the allowed number of absences, they may be administratively withdrawn from the course. The process to warn and administratively withdrawal is as follows:

1. Through Starfish, the instructor submits a Class Attendance Warning. Starfish automatically notifies the student and relevant on-campus parties (coaches, advisors, etc.), making them aware of the concern.
2. If the student fails to respond to the alert from Starfish or fails to show satisfactory improvement in attendance, the instructor may administratively withdraw the student from the course.

- To withdraw a student, the instructor will notify the Office of the Registrar by selecting the Administrative Withdrawal flag in Starfish. The student will be assigned a grade of 'W' or 'F'.
- The grade of 'W' will be assigned up to the course withdrawal deadline as noted on the academic calendar. An administrative withdrawal after the course withdrawal deadline will be assigned the grade of 'F'.
- The Office of the Registrar will update the student's academic record accordingly and send an email to both the student and the faculty member confirming that the change has been made.

Since absences from class are sometimes a sign of other, non-academic concerns, faculty should notify College officials through Starfish whenever a student misses two consecutive class meetings.

### Appeal Process

Students who believe they were inappropriately withdrawn from a course (i.e., the process described above was not followed) may submit a written appeal, with supporting documentation, requesting reinstatement to the course. Upon receipt of the email from the Office of the Registrar (<https://www.wofford.edu/academics/registrar/>) that they have been withdrawn, students have until 5:00 pm of the following business day to submit an appeal. Appeals must be submitted in writing to the Office of the Registrar at [registrar@wofford.edu](mailto:registrar@wofford.edu). The subject line must read, Appeal for Administrative Withdraw. The Registrar will communicate the appeal request to the Academic Standing Committee which will review the request as soon as possible.

The appeal should present clear, concise and detailed information explaining: 1) why absences should be excused, 2) why continuing in the course should be permitted, and 3) how the withdraw process deviated from the outlined policy. The Academic Standing Committee may confer with the persons involved to inform their decision. The Committee will make every effort to decide on the appeal in a timely manner. The Committee's resolution is binding on all parties. Both the instructor and the student will be notified through their Wofford email.

### Class Attendance During Appeal

If the student chooses to appeal, the student is required continue attending the course until the Committee decides on the appeal and communicates the decision to the student and instructor.

## Class Attendance & Inclement Weather

Wofford College ordinarily does not close because of weather that brings snow and ice to the area. Every effort will be made to hold classes and to have offices open. Commuting students should understand that classes are held, but that they are to run no unreasonable risk to get to the campus. They will be permitted to make up work they miss. If an exception is made to this policy, area radio and television stations will be notified. A notice will also be posted on the college's official Facebook (<https://www.facebook.com/woffordcollege/>) page. Otherwise, it is safe to assume that the college is open and conducting classes as usual.

## Examinations

Final examinations are a normal part of every course. A student who wishes to take an examination during the examination week at a time other than the scheduled time may do so only at the discretion of the course instructor. Under no circumstances may an examination be administered before or after the established examination week without the approval of the Provost. Such approval is given for an individual

student only in cases of illness, death in the family, or other extremely extenuating circumstance.

## Grades

### Mid-Term & Final Grades

Students can access their mid-term and final grades through myWofford.

Typically, grades are available the Tuesday afternoon following the last day of finals. The only exception is Interim. Because spring semester begins directly after the completion of Interim, final Interim grades are available the Tuesday following the first week of spring classes.

Students wishing to share their grades with their parents/guardians can do so by granting them proxy access (<http://www.wofford.edu/registrar/proxy/>) through their myWofford portal.

### A-F Grading System

Wofford College employs two grading systems, the first of which is the 'A-F' system. It includes the following numeric values used to calculate the GPA. The grade point average is used to determine Wofford students' status regarding graduation, honors, the Dean's List, and academic standing. The calculation of the GPA includes only the grades recorded on work graded 'A-F' and taken at Wofford, as part of Wofford-related foreign study programs, or when participating in the cross-registration program with Converse College.

A (Superior)	4.000
A-	3.700
B+	3.300
B	3.000
B-	2.700
C+	2.300
C	2.000
C-	1.700
D	1.000
F (Failure)	.000

### AU-Audit

A student was permitted to sit in a class without earning credit or a grade.

### I – Incomplete

Indicates the student was unable to complete the course for a legitimate reason and thus a final grade cannot be determined. The grade of 'I' is calculated as a failing grade in the GPA until a final grade is submitted. All coursework for an incomplete must be finalized no later than the mid-term of the following semester. A grade of 'F' will be recorded for any course not completed by the deadline. A complete description of the Incomplete Grade Policy (p. 33) can be found in this *Catalog*.

### W- Withdraw

Indicates the student withdrew from a course by the official deadline, as noted on the academic calendar. Grades of 'W' are not calculated into the GPA or the earned credit hours. The grade of 'W' applies to all courses (those graded A-F as well as those graded P/U) and for all withdrawal reasons (student initiated, administrative, and medical).

In the case of a medical withdrawal from the college, students can receive a grade of 'W' after the official withdrawal deadline, if approved by the Wellness Center (<https://www.wofford.edu/student-experiences/wellness-center/>). Students must follow the procedures associated



with requesting a medical withdrawal from the college which includes providing appropriate documentation to the Wellness Center. A complete description of the Medical Withdrawal Policy (p. 35) can be found in this *Catalog*.

## Pass/Unsatisfactory/Honors Grading System

The second system is the Pass/Unsatisfactory/Honors System. These grades are not used in calculating the GPA, but do count in the hours earned for graduation purposes.

### P-Pass

The student completed a pass/unsatisfactory/honors course with a passing grade.

### U-Unsatisfactory

Indicates the student did not complete satisfactory work in a pass/unsatisfactory/honors course.

### H-Honors

The student completed a pass/unsatisfactory/honors course with honors.

### N-Incomplete

The grade of 'N' is used only rarely for Interim work, and then only with the expectation that it will be in effect for no longer than one week after the end of the Interim, by which time all work should be completed and final evaluation made. A grade of 'N' may also be assigned to regularly offered pass/unsatisfactory/honors courses. A grade of 'U' or unsatisfactory will be recorded for any course that has not been completed by the deadline.

## Grade Queries & Changes

Grading is a matter of professional judgment and is the sole responsibility of the course instructor. A student with questions about a grade should contact the instructor as soon as possible, and no later than the end of 7<sup>th</sup> week after the last day of class of the semester/term in which the grade was earned. The student has the right to initiate a discussion to verify that the grade recorded is accurate. The faculty member has the professional responsibility to meet with the student and review how the grade was determined.

Any change in an assigned grade should reflect only identifiable and distinct errors in the evaluation process. If the instructor of record identifies an error, s/he must complete a Grade Change Form, stating the reason for the change, and submit it to the Office of the Registrar. Grade changes will only be permitted up to one year after the initial grade was recorded.

## Incomplete Grade Policy

Students are expected to complete all coursework prior to the end of the semester. Students unable to complete the work for a course - because of illness, emergency, or any other reasonable cause - should discuss the issue with their instructor. It is sometimes possible for an instructor to issue a grade of 'I' or Incomplete; this permits the completion of the course work after the semester has finished. The student must initiate the request for a grade of 'I' by completing the Application for Incomplete (I) Grade (<https://www.wofford.edu/academics/registrar/forms/>). An

Incomplete will only be awarded in cases in which all of the following criteria have been met:

- the student experienced circumstances beyond their control such as illness, emergency, death in the family or other reasonable cause, which prohibited the completion of the coursework;
- the student completed at least three-quarters of the course requirements;
- the student initiated the request for an Incomplete by the last day of the final exam period by submitting the signed Application for Incomplete ('I') Grade to the instructor;
- the instructor approved that a grade of Incomplete is appropriate by signing the Application for Incomplete;
- the approved form must be submitted to the Office of the Registrar by 5:00 pm of the Monday after final examinations (before final grades are due).

The instructor has the right to deny the request. An Incomplete is not appropriate and would not be approved if there are excessive absences, significant work remaining, and/or the student cannot pass the course even after completing the remaining assignments. Students who abandoned or discontinued participation in a course without authorization will earn a grade of 'F' (fail) and are not eligible for a grade of 'I'. In extreme cases when the student is unable to complete the Application, the Wellness Center or the Registrar's Office may act on the student's behalf. The Application must outline the coursework to be completed and the due date for each assignment.

Once the Application is approved and submitted a grade of 'I' will be assigned and can remain in place until midterm (Friday of the 7<sup>th</sup> week) of the following semester. During this period the grade of 'I' will appear on the student's transcript. An 'I' calculates into the GPA as a failing grade.

Once the coursework is completed and the instructor submits the grade change form to Registrar's Office, the updated grade will replace the 'I' on the transcript, as well as in the GPA and credit hour calculations.

To allow the instructor time to evaluate the work and submit a grade change, students must submit all required coursework to the instructor no later than the 6<sup>th</sup> week of the following semester for which the grade of 'I' was assigned. If a grade change is not submitted, the grade of 'I' will update to an 'F.' In order for a student to graduate at the May commencement all incomplete grades must be removed from the transcript by the beginning of the spring examination period.

## Repeating Courses

A student may repeat a course in which they earned a grade of C-, D or F. For any repeated course, only the highest earned grade will be included in the grade-point average and credit hour calculations. The lower earned course grade(s) and credit hour(s) will be excluded from both the GPA and the credit hour calculation. However, the previously earned course grade(s) and credit hour(s) will appear on the student's transcript as a part of their academic history.

Students wishing to take advantage of the repeat policy must receive an override from the Office of the Registrar prior to registration. The repeat policy is only available for courses taken and repeated at Wofford. The GPA benefit is only available when the exact same course (subject, number and title) is repeated. Interim projects are not eligible to be repeated. Students who receive federal financial aid should review the Repeated Courses policy in the Financial Aid Handbook (<https://>

[www.wofford.edu/admission/financial-aid/](http://www.wofford.edu/admission/financial-aid/)) and speak with the Financial Aid Office, if they have questions.

Students may not use the repeat policy to return to the College following graduation to improve their grade point average. The College is not obligated to provide students with an opportunity to repeat any course.

## Academic Honors

### Dean's List

The Dean's List recognizes students' high achievement and is compiled at the end of the fall and spring semesters. To be eligible for the Dean's List a student must have:

- earned at least 12 hours in the semester
- achieved a semester grade-point average of 3.60 or higher

Students enrolled in study abroad programs and students with grades of 'I' or Incomplete are eligible for Dean's List consideration when final grades are reported and documented in the Registrar's Office.

### Graduation Honors

Candidates for degrees who have achieved certain levels of academic excellence at Wofford College are graduated with one of the honors listed below. These honors are determined on the basis of the cumulative grade-point average.

*Summa Cum Laude:* 3.90-4.00

*Magna Cum Laude:* 3.75-3.89

*Cum Laude:* 3.50-3.74

### Departmental Honors

Academic awards are given by faculty to the outstanding graduating seniors on the basis of academic achievement, character, and intellectual promise. Some are named in honor of persons who have made significant contributions to the intellectual life of the college. The awards are associated by academic department.

Accounting: The Harold W. Green Award

Art History Award

Biology: The W. Ray Leonard Award

Business Economics Award

Chemistry: The Coleman B. Waller Award

Chinese Award

Computer Science: The Dan W. Olds Award

Economics: The Matthew A. Stephenson Award

English: The L. Harris Chewning Jr. Award

The W. Norman Coleman Award

The Walter E. Hudgins Award

Environmental Studies: The John W. Harrington Award

Finance: The James Edwin Proctor Award

French: The George C.S. Adams Award

German: The James A. Chiles Award

Government Award

History: The David Duncan Wallace Award

Humanities Award

Intercultural Studies: The Global Citizen Award

International Affairs Award

Mathematics: The John Q. Hill Award

Music: The George A. Carlisle Award

The Peter Allen Moore Award for Strings

Philosophy Award

Physics Award

Psychology: The James E. Seegars Award

Religion: The Charles F. Nesbitt Award

Sociology and Anthropology Award: The Gerry Ginocchio Award

Spanish: The John L. Salmon Award

Theatre: The James R. Gross Award

## Honors Courses

Wofford College provides opportunities for qualified students to broaden their educational experience through creative independent study in the area of their current coursework or major field through honors courses.

At the discretion of the faculty, a student may undertake a six-hour independent course of study in the senior year to graduate with honors in his or her major. Honors Courses are subject to the following regulations:

1. Eligibility to undertake Honors Courses is restricted to students having a cumulative grade-point average of at least 3.0 *OR* grades of 'B' or higher in all courses taken at Wofford during the preceding two semesters.
2. The timeline and procedures are as follows:
  - a. By the end of April, the student will submit a short letter of intent to the Department Chair, including the name of the instructor (Thesis Committee Chair), the topic and a short description of the project. The Department Chair will notify the Curriculum Committee by its final meeting of the academic year prior to the start of the course.
  - b. In September, before the end of the drop/add period for the fall semester, the Chair of the Thesis Committee will verify that the student intends to remain in the course.
  - c. By October at midterm (or at any point prior to this time if preferred by the Thesis Committee Chair), the student will submit a complete proposal to all Thesis Committee members, and the Thesis Committee chair will assign a midterm grade of H/P/U.
  - d. In December, the Thesis Committee chair will assign a semester grade of H/P/U for the fall semester coursework.
  - e. After the successful defense of the Honors Thesis, the student submits the thesis to the Thesis Committee Chair, who will assign a grade of H/P/U and forward the thesis to the Dean of the Library.
3. An Honors Course may be undertaken only in the senior year and will carry six hours of credit over two semesters. Final grade options are H, P, U, WS, and WU. The Honors Course may count toward major requirements with the approval of the major adviser. When successfully completed, the course will be identified on the student's transcript as an Honors Course.
4. A student may be removed from an Honors Course at any time if in the judgment of the instructor and the major adviser the student's work is not of sufficient merit to justify continuation.
5. Each student completing an Honors Course shall prepare and submit to the instructor three copies of a written report describing the work done in the course. The student will then undergo a final oral examination by a committee of three faculty members, appointed by the major adviser, and including the course instructor (as chairman) and preferably one person from another discipline. The length of the examination generally shall not exceed one hour. The major adviser will retain one copy of the final report and submit one copy to the

Curriculum Committee for review. The Curriculum Committee copy then will be deposited in the college archives.

6. Students will graduate with “high honors” in their major when they earn a grade of “honors” in the Honors Course and achieve a grade-point average of at least 3.75 in the major. The distinction will be recognized in the commencement program, announced at commencement exercises, and noted on the student’s transcript.
7. Students will graduate with “honors” in their major when they earn a grade of “honors” in the Honors Course and achieve a grade-point average of at least 3.50 but less than 3.75 in the major. The distinction will be recognized in the commencement program, announced at commencement exercises, and noted on the student’s transcript.
8. A grade of “pass” in the Honors Course does not qualify students for graduation with honors in the major regardless of their grade-point average in the major.

## Academic Standing, Probation & Exclusion

Students are expected to make reasonable progress toward a degree by maintaining a minimum GPA and completing the courses they register for each semester. Students who progress toward a degree and maintain a cumulative GPA of a 2.00 or higher are in Good Standing (GS) with the institution. Students who do not consistently make reasonable progress, as noted in the table below, may be subject to Academic Probation (AP) and/or Academic Exclusion (AE). Probation serves two purposes: first, as a notice that sub-par academic work has endangered the student’s opportunity to continue at Wofford, and second, as an incentive to the student to seek any motivational or disciplinary assistance necessary to improve their performance. The purpose of academic exclusion is to give students a chance to step away from the academic environment, allowing them to significantly reevaluate their learning strategies and objectives before returning to the college. Students’ records are evaluated at the end of each semester (and summer term) with regard to Academic Probation. Student’s records are evaluated at the end of each academic year (the end of the spring semester) with regard to Academic Exclusion.

The GPA hours and GPAs to which the table refers are cumulative figures and are based only on work undertaken at Wofford, or in Wofford related study abroad or cross-registration programs. The GPAs include all such work except for coursework graded on a Pass/Fail basis and that which the student received a grade of ‘W’.

Students with GPA hours in these ranges:	Are placed on probation if their GPAs are below this level:	Are excluded if their GPAs are below these levels:
0-39	2.00	1.60
40-59	2.00	1.70
60-89	2.00	1.80
90 and over	2.00	1.90

Students who fail to earn a minimum cumulative GPA of 2.00, but still earn above the minimum that warrants exclusion, are placed on academic probation for the subsequent semester. A student on probation will remain on probation until his/her cumulative GPA improves to at least a 2.00. Wofford will not accept credit for any coursework undertaken at another institution during the time which the student is on academic probation.

The first time a student earns a GPA below the probationary limit, as determined by the GPA hours noted above, they will be excluded for one academic semester. Students excluded in this fashion are required to serve their exclusion period during the following fall semester, being allowed to apply for readmission for the following interim term. Students who reach the GPA exclusion level for a second time, will be asked to sit out for the next academic year (including the fall and spring semesters as well as the interim term), being allowed to apply for readmission for the following summer term or fall semester.

Once placed on exclusion (first or second occasion), students have the opportunity to make themselves eligible for continued enrollment in the fall semester by earning a total of 12 credit hours at Wofford with a 2.50 or better during Summer I and II OR who complete less than 12 credit hours, but are able to improve their cumulative GPA to the probationary level or higher. Students who are eligible for continued enrollment will be placed on academic probation until they regain good standing by earning a cumulative GPA of a 2.00 or better. Although excluded students may regain good academic standing through successful work in summer session, they lose their priority for residence hall rooms and for financial aid when they are excluded.

Wofford will not accept credit for any coursework undertaken at another institution during the time the student is on academic exclusion. Students on exclusion and wanting to take coursework elsewhere are required to return to Wofford and regain good standing (a cumulative GPA of 2.00 or better) prior to receiving approval to complete coursework at another institution. Students who are ready to return after serving their academic exclusion must apply for readmission through the Office of the Registrar (<https://www.wofford.edu/academics/registrar/>).

Students who reach the GPA exclusion level for a third time, may be issued a permanent exclusion from the college. Permanent exclusion from the college is a very serious matter which is considered only after thorough deliberation among the Academic Standing Committee, the student concerned, and the student’s faculty adviser. No specific regulations, therefore, are prescribed for those situations in which permanent exclusion might be a possibility.

## Withdrawing from the College

Students who decide to withdraw from the college, either during or at the end of the semester, must complete the Withdrawal Process available through myWofford. The online process requires the student to submit an effective withdrawal date (or last date of attendance) and to complete a brief exit survey. The student should meet with the Financial Aid Office (<https://www.wofford.edu/admission/financial-aid/>) to review the implications of stopping out or transferring to another institution and communicate with Residence Life regarding final departure and room checkout. Students can request an official transcript online through myWofford or on the Registrar’s website (<https://www.wofford.edu/academics/registrar/>). Students who decide to return to the College after having withdrawn must apply for readmission by submitting the Application for Re-admission (<https://www.wofford.edu/academics/registrar/forms/>) form which is available on the Registrar’s Office website.

## Medical Withdrawal

Wofford supports all students who need to withdraw from the college due to physical illness/injury or to seek treatment for chemical dependency or other psychological conditions. Students must submit a formal request to the Office of Accessibility Services (<https://www.wofford.edu/student-experiences/wellness-center/accessibility/>). Those who withdraw are

eligible to return once they have been cleared to return by their health care provider. The Office of Accessibility Services may confer with the appropriate campus offices in evaluating the student's request. This may include, but is not limited to: medical or mental health professionals, current course instructors and advisers, Dean of Students, Director of Residence Life, Registrar, and/or Provost. The student is required to provide supporting documentation from their current health care provider. The supporting documentation must be submitted within 30 days of the initial medical withdrawal request. Once the documentation is reviewed and approved, students who are granted a medical withdrawal will receive a grade of 'W' for ALL courses attempted during the semester or term in question. A 'W' does not affect the student's GPA or hours earned, but will be noted on the transcript. Students who do not provide appropriate supporting documentation will be held to the regular withdrawal policy which will result in either a grade of 'W' or 'F' ('W' or 'U' for a pass/fail course).

Students granted a medical withdrawal will have a hold placed on their record pending readmission to the college. The college expects the medical leave to be of sufficient duration to allow the student to address the issues that necessitated the withdrawal and thus enhance the likelihood of success upon return.

Students requesting a Medical Withdrawal must complete the following steps:

1. Submit a request by the last day of class of the term in question. Medical Withdrawals will not be retroactively considered or applied. A written request should be submitted to [accessibilityservices@wofford.edu](mailto:accessibilityservices@wofford.edu). Alternatively, students can complete the Submit Accommodations Request Form which is housed under Accessibility Services Accommodations on the student menu of myWofford.
2. Submit appropriate documentation from a health care provider stating the student's diagnosis and support for withdrawal from school, as well as confirmation of the treatment plan during the withdrawal period.
3. Documentation must be received within 30 days of the request for Medical Withdrawal. If appropriate documentation is not received within 30 days, the Medical Withdrawal policy is no longer applicable and the college's standard Withdrawal policy will apply. The Office of Accessibility and Counseling Services will notify the appropriate campus offices, as well as the student's faculty, of the withdrawal.
4. The student is responsible for contacting the Financial Aid and/or Business Office to discuss financial aid, scholarships, and tuition/fees. This may be done at the student's convenience and is not necessary to complete during the initial request.

Students wishing to return after a medical withdrawal must complete the following steps:

1. Notify the Office of the Registrar of their desire to return by completing the Application (<http://www.wofford.edu/registrar/forms.aspx>) for Re-Admission (<https://www.wofford.edu/academics/registrar/forms/>) available through the student section of myWofford and on the Registrar's Office website.
2. Submit documentation from the attending health care provider to the Office of Accessibility Services attesting to the student's ability to resume studies with a reasonable likelihood of success. The statement must provide a description of the student's diagnosis and the treatment rendered. It must outline, as appropriate, a plan of treatment to be followed upon return. All documentation will

be maintained in strict confidence in the Office of Accessibility Services. ***The Readmission Application and medical documentation must be submitted at least one month prior to the beginning of the term the student wishes to return, but exceptions can be granted when appropriate.***

3. Contact the Financial Aid and/or Business Offices to discuss financial aid, scholarships, and tuition/fees.
4. Contact Residence Life if on-campus housing is desired.
5. Submit an official transcript to the Registrar's Office if coursework was taken at another institution.

Once all appropriate documentation is received, the Office of the Registrar, in consultation with other campus offices as appropriate, will make the final determination regarding the student's readmission request.

Upon readmission the student will need to work with the Registrar's Office regarding registration for the upcoming term. Upon re-enrollment, students are expected to meet with a staff member in the Wellness Center to discuss their treatment plan for the initial semester of return and follow the treatment plan as established by their health care provider.

#### **Special Conditions for Interim**

A student who is able to finalize the request before the first day of Interim is eligible for a pre-approved Interim waiver. This allows the student to waive one of the four Interims required for graduation. The student is still responsible for the hours necessary for the appropriate degree. To be eligible, the student must make the formal request, provide appropriate documentation, and receive a status of "Finalized" from Accessibility Services. Students who finalize the withdrawal process after the start of the Interim will be considered for the waiver on an individual basis and will need to follow the medical withdrawal policy as outlined above.

## **Readmission of Former Students**

A student who discontinues enrollment with Wofford and who wishes to return must apply to the Office of the Registrar for readmission.

The Application for Readmission, deposit, and Verification of Good Standing (if necessary) must be submitted at least 30 days prior to the start of the semester/term in which the student plans to re-enroll. The readmission application is not considered complete until the Registrar's Office receives all items. A student's status to be readmitted will not be evaluated until the application is complete.

Students that completed coursework at another institution of higher education during their absence from Wofford must submit an official transcript from the institution(s) attended as well as the Verification of Good Standing form. The Verification of Good Standing form needs to be completed by the Dean of Students (or equivalent) at the other institution. Both the Application for Readmission (<http://www.wofford.edu/registrar/forms.aspx>) and the Verification of Good Standing (<http://www.wofford.edu/registrar/forms.aspx>) can be found on the Registrar's website. All items - the application, verification of good standing and official transcripts - should be sent directly to the Registrar's Office.

Readmission of former students is determined and approved by the Registrar's Office. Other campus offices, including the Dean of Students, Wellness Center, and the Business Office, may be contacted to determine a student's eligibility to re-enroll.

## Course Work at Other Institutions

### Cross-Registration Program

The academic programs offered at Wofford are supplemented by a cooperative cross-registration arrangement between Wofford and neighboring Converse University. Students at each institution may register on a space-available basis for certain courses offered at the other college and thus the number and types of courses available to students are considerably increased, efficient use of educational resources is developed, and a fuller relationship among the colleges is fostered. This benefit is available only during the fall, Interim, and spring semesters to students who have a 2.00 cumulative GPA or better and who are otherwise in good standing, provided that there is space for their enrollment in the given courses. It is not valid for the summer sessions. Wofford students may not take courses at Converse that are offered at Wofford nor may they take courses to meet Wofford's General Education requirements. Priority for classroom space for Wofford students at Converse is given to upper class students. First-year students may not take courses at Converse. Further information and registration options are available through the Office of the Registrar.

### Cooperation with Other Institutions

Wofford has partnered with Clemson University and Columbia University to provide students with the option of pursuing a degree in engineering.

It has also established an agreement with Wake Forest University for students interested in pursuing a Master of Arts in Management.

In addition, Wofford has an agreement with Converse University for students who are interested in receiving the Master of Arts in Teaching (MAT) degree. Additional information regarding these programs can be found in the Pre-Professional Programs (p. 44) section of this *Catalog*.

### Coursework Elsewhere

Students wishing to take course work at another college or university and apply that work to their Wofford degree requirements must secure advance approval from the Office of the Registrar (<https://www.wofford.edu/academics/registrar/>) prior to attendance. Courses used to satisfy major, minor, concentration, program and/or emphasis requirements must get the approval of the department chair. The Chairs will determine the suitability and equivalency of the courses towards the majors, minors, etc., while the Registrar's Office will consider whether the student's request meets certain institutional requirements. The Registrar's Office will evaluate all coursework and accept that which is equivalent to course offerings at Wofford and/or determined to be applicable to the liberal arts curriculum. Official transcripts from all institutions attended must be received and evaluated by the Registrar's Office before any transfer credit is awarded. *Unofficial transcripts and screenshots of transcripts will not be accepted for evaluation of transfer work.*

Eligibility conditions for coursework completed elsewhere:

1. The coursework must be similar to courses/programs offered at Wofford
2. The coursework must be completed at an institution of higher learning recognized by one of the six regional accrediting associations
3. The student may not take a course load that Wofford considers excessive.
4. Wofford College will not accept credit for any coursework completed as a wilderness expedition, leadership training (NOLS), or semester at sea program. Also, courses offered by correspondence, television or extension will not be accepted.
5. Students may not take a course that is offered at Wofford at another Spartanburg area college or university in that same semester or term.
6. Wofford will not accept credit for work completed at another institution by students who are serving their period of academic probation, academic exclusion, or who have been suspended/excluded for violating college policy as noted in the *Code of Students Rights and Responsibilities* and the *Honor Code of The Student Handbook*.

Other circumstances pertaining specifically to Total, GPA, and Residency (p. 38) requirements may impact the decision to take coursework elsewhere. Please consult the Degree Requirements section of this *Catalog* for additional information.

Once the Registrar's Office receives the official transcript, credits will be accepted for those approved courses in which the student received a grade of 'C' or higher. Semester hours for accepted transfer courses will be adjusted to conform to Wofford's curriculum, if necessary. The grades on courses taken elsewhere are not included in the computation of the student's GPA. The only exception to this rule is for coursework completed in a Wofford-related study abroad program, or as part of the cross-registration program in effect with Converse University. With these programs, credits are accepted for all officially approved courses and the grades for all courses are included in the GPA computation in the same fashion as grades for courses taken at Wofford.

Certain scholarship awards programs require that coursework applied toward continued eligibility be done at the institution from which the student will earn the degree. Students should seek information from the Office of Financial Aid (<https://www.wofford.edu/admission/financial-aid/>).

1. The student may not repeat a course at another college or university that s/he has failed or received a passing grade at Wofford.
2. If a student has earned 60 or more credit hours s/he may only complete coursework at a 4-year college or university (not a technical or community college).
3. The grade received in the course must be equivalent to a 'C' (2.00) or higher

# Degree Requirements

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*It is the responsibility of each student to know and meet the requirements for the completion of his or her degree.*

Achievement of the bachelor degree is based on a broad distribution of courses across representative fields of the liberal arts as well as a focused study in at least one major. The object of the broad distribution, accomplished by fulfilling the general education requirements, is designed to give students a wide-ranging view of our intellectual heritage and to expand their outlook. The focused study is achieved by completing a major in one academic discipline or program which gives students the opportunity to acquire a competence in a distinct field of scholarship.

In order to earn the Bachelor's degree, students must fulfill specific degree requirements as outlined below. They must also be approved for the BA or BS degree by the faculty during the May meeting, prior to commencement. Students are degree-eligible when they have met all requirements, have been approved by the faculty, have no outstanding disciplinary charges or sanctions, and have no unmet financial obligations to the college.

**Students seeking a baccalaureate degree from Wofford College must:**

- Successfully complete a total of 120 credit hours, with at least 60 of those credit hours being earned through Wofford courses including the final 30 credit hours.
- Successfully complete all general education requirements.
- Earn a cumulative grade point average of at least 2.00 in courses completed through Wofford.
- Successfully complete four interim projects or one for each academic year of enrollment.
- Successfully complete a major field of study including earning at least a grade point average of 2.00 in all courses that fulfill a major requirement.
- Submit a graduation application.

## Pre-matriculation Credits

Some degree requirements may be fulfilled by credit hours earned through the Advanced Placement Program (p. 15), College-Level Examination Program, International Baccalaureate Program, or certain other exams or experiences. The application of those credits to Wofford degree requirements is determined by the Office of the Registrar and the Chair of the appropriate academic department.

## GPA

Grades earned at Wofford College, in Wofford-related study abroad and/or the cross-registration program with Converse University approved in advance by the Registrar, are used in computing students' grade-point averages. Grades transferred from other institutions are NOT used in GPA calculations.

## Residency

The last 30 credit hours of coursework and more than half of the credit hours toward the major must be completed at Wofford College. Courses taken in a Wofford-approved study abroad program are considered to have been completed at Wofford College. In extenuating circumstances an exception to the residency requirement may be granted. If granted, students are permitted to complete up to 8 credit hours at another accredited four-year college or university during their final year of

enrollment. Before undertaking such work, the student must obtain special approval from the Registrar and the Chair of any department concerned, as well as complete the Coursework Elsewhere Form (<https://www.wofford.edu/academics/registrar/forms/>).

## Post-Graduate Study

Students preparing for post-graduate or professional study (engineering, medicine, dentistry, law, ministry, and others) must complete certain requirements for entry to advanced study in those fields. Students preparing for a career in secondary education must meet certain requirements for licensure. Such requirements may be part of, or in addition to, the courses required for the Wofford degree. Students interested in pre-professional programs (p. 44) should become familiar with the particular requirements of those programs and how they differ from the requirements for graduation. They should also speak with the appropriate faculty advisers for further clarification.

## Degrees Offered

Wofford College offers the degrees of Bachelor of Arts (BA) and Bachelor of Science (BS). Departments that offer both a BA and BS will have different major requirements depending on the particular degree. However, both degrees will begin with the same introductory courses and the variations between the degrees will be reflected in the upper-level course requirements. Students who prefer to complete two degrees, a BA and a BS, can do so by earning 150 credit hours and completing one major in a BA field and one in a BS field.

Students pursuing one of the following majors are eligible to earn the Bachelor of Arts degree:

Art History  
Chemistry  
Chinese  
English  
French  
German  
Government  
History  
Humanities  
Intercultural Studies  
International Affairs  
Philosophy  
Religion  
Sociology and Anthropology  
Spanish  
Studio Art  
Theatre

Students pursuing one of the following majors are eligible to earn the Bachelor of Science degree:

Accounting  
Biology  
Chemistry  
Computer Science  
Finance  
Physics  
Psychology

Students pursuing one of the following majors may choose the either the Bachelor of Arts **OR** the Bachelor of Science depending on how they fulfill the major requirements:

Business Economics  
Economics

## General Education Requirements

These requirements are intended to promote breadth of knowledge, integration of disciplinary perspectives, and understanding of diverse cultures. Wofford's program seeks to develop skills in reading, written and oral communication, use of technology, critical thinking, creative expression, numerical reasoning, problem solving, and collaborative and independent learning. The college identifies these competencies as vital to intellectual and personal growth. While these competencies are developed in all courses in the curriculum, they are the explicit focus of general education courses.

Courses which meet General Education requirements are listed below. The same course may not be used to satisfy more than one General Education requirement, but can be used to satisfy major requirements.

### LIBERAL ARTS STUDIES 101, 3 Credit Hours

All new first-year students are required to take LIBA 101 Liberal Arts Seminar during the fall semester of their initial year of enrollment. Students who do not pass the course during the fall semester will be required to retake it during the spring semester of their first year of enrollment.

Course	Title	Hours
LIBA 101	Liberal Arts Seminar	3

### WELLNESS, 2 Credit Hours

Two one-credit hour courses, First Year Interaction Seminar (FYI 101) and any Physical Education (PHED) course.

Course	Title	Hours
FYI 101	First-Year Interaction Seminar	1
Physical Education, (PHED 100-level)		1

### FOREIGN LANGUAGES, 3-10 Credit Hours

The requirement is met by successfully completing a course sequence (101/102) **OR** one 200-level course as noted below. *Please note introductory-level Chinese (CHIN 101/102) and Arabic (ARBC 101/102) language are 4 credit hours each.*

Course	Title	Hours
Select one of the following:		4 or 8
ARBC 101 & ARBC 102	Beginning Active Arabic and Beginning Active Arabic	
ARBC 201	Intermediate Active Arabic	
ARBC 202	Intermediate Active Arabic	
Select one of the following:		4 or 8
CHIN 101 & CHIN 102	Beginning Active Chinese and Beginning Active Chinese	
CHIN 201	Low Intermediate Chinese	
CHIN 202	Low Intermediate Chinese	
Select one of the following:		3 or 6
FREN 101 & FREN 102	Beginning Active French and Beginning Active French	
FREN 201	Intermediate Active French	
FREN 202	Intermediate Active French	
Select one of the following:		3 or 6
GER 101 & GER 102	Beginning Active German and Beginning Active German	
GER 201	Intermediate Active German	
GER 202	Intermediate Active German	
Select one of the following:		3 or 6
SPAN 101 & SPAN 102	Beginning Active Spanish and Beginning Active Spanish	
SPAN 200	Communication & Culture	

SPAN 201	Intermediate Active Spanish	
SPAN 202	Intermediate Active Spanish	

### ENGLISH, 6 Credit Hours

ENGL 102 Seminar in Literature and Composition is required of all students and one 200-level English (ENGL) literature course (excluding ENGL 260).

Course	Title	Hours
ENGL 102	Seminar in Literature and Composition	3
English (ENGL), 200-level		3
Select one of the following:		
ENGL 200	Introduction to Literary Study	
ENGL 201	English Literature to 1800	
ENGL 202	English Literature Since 1800	
ENGL 203	Survey of American Literature	
ENGL 204	Survey of World Literature	
ENGL 205	Introduction to the Study of Film	
ENGL 206	Survey of African American Literature	

### FINE ARTS, 3-4 Credit Hours

This requirement is met by completing one of the options below.

Course	Title	Hours
Art History (ARTH), 200-or 300-level course		3
Studio Art (ARTS), 200-level course		3
Music (MUS), 200-level course (except for MUS 220)		3
Theatre (THEA), 200-level (except THEA 210), 385, 390, 395 course		3
THEA 210		4
Applied Music courses:		4
MUS 100	Men's Glee Club	
MUS 101	Wofford Singers	
MUS 102	Women's Choir	
MUS 150	Concert Band	
MUS 151	String Ensemble	
MUS 260	Private Instruction	
MUS 301	Chamber Singers	
MUS 302	Instrumental Chamber Music	
MUS 351	Wofford Concert Orchestra	

### CULTURES & PEOPLES, 3 Credit Hours

Courses meeting this requirement focus on the study of cultures other than European and European-settler cultures, or the interaction between and comparison of European and non-western cultures. A complete list of approved Cultures & Peoples course can found on the Registrar's website (<http://www.wofford.edu/registrar/CulturesAndPeoples/>). On the schedule, these courses are designated with the attribute of 'CP'.

### SOCIAL SCIENCE, 3 Credit Hours

This requirement is met by completing one of the options below.

Course	Title	Hours
ANTH 101	Introduction to Anthropology	
ANTH 201	Introduction to Archaeology and Physical Anthropology	
ANTH 205	Anthropology of Childhood	
ANTH 225	Human Ecology	
ANTH 300	Ethnography	
ANTH 310	Ethnographic Film	
ANTH 311	Ecological Anthropology	
ANTH 312	Medical Anthropology	



ANTH 313	Cultures of Southeast Asia and Oceania
ECO 201	Principles of Microeconomics
ECO 202	Principles of Macroeconomics
EDUC 200	Foundations of Education
ENVS 201	Introduction to Environmental Social Science
ENVS 313	Sustainable Food Systems
GOV 202	Foundations of American Politics
INTL 203	Foundations of World Politics
INTL 260	Comparing States & Societies
SOC 101	Introduction to Sociology
SOC 202	Environmental Sociology
SOC 216	Gender in Society
SOC 240	Race and Racisms
SOC 226	Wealth, Power, and Inequality
SOC 340	Development of Sociological Thought
SOC 446	Globalization and Society

### HISTORY, 3 Credit Hours

One 100-level History (HIST) course.

### RELIGION, 3 Credit Hours

One 200-level Religion (REL) course.

### PHILOSOPHY, 3 Credit Hours

One Philosophy (PHIL) course at any level.

### MATHEMATICS, 3 Credit Hours

One Mathematics (MATH) course at any level.

### NATURAL SCIENCE, 7- 8 Credit Hours

The natural science requirement is met by successfully completing two courses, either two lab science courses **OR** one lab science and one science in context course. Lab science courses give students hand-on experience in doing science while science in context courses explore features that make science an important way of understanding the natural world in contemporary society.

Course	Title	Hours
<b>Lab Science Courses</b>		
BIO 150	Biological Inquiry (with lab)	
CHEM 104	Chemistry: Concepts & Methods (with lab)	
CHEM 123	General Chemistry I (with lab)	
CHEM 124	General Chemistry II (with lab)	
COSC 150	Scientific Investigations Using Computation (with lab)	
ENVS 150	Introduction to Earth System Science (with lab)	
ENVS 160	Introduction to Sustainability Science (with lab) <sup>1</sup>	
ENVS 203	Introduction to Environmental Science (with lab)	
PHY 104	Physics: Concepts & Methods (with lab)	
PHY 108	Astronomy (with lab)	
PHY 121	General Physics I (with lab)	
PHY 122	General Physics II (with lab)	
PHY 141	Physics for Science & Engineering I (with lab)	
PHY 142	Physics for Science & Engineering II (with lab)	
PSY 104	Psychology: Concepts & Methods (with lab)	
PSY 150	Introduction to Psychological Science (with lab)	
PSY 230	Biological Psychology (with lab)	

#### Science in Context Courses

BIO 103	Biology: Science in Context
CHEM 103	Chemistry: Science in Context
ENVS 103	Environmental Studies: Science in Context
ENVS 160	Introduction to Sustainability Science (with lab) <sup>1</sup>
PHY 103	Physics: Science in Context
PHY 202	Energy
PSY 103	Psychology: Science in Context

<sup>1</sup> *ENVS 160 can apply to the natural science lab requirement **OR** the science in context requirement, but not both.*

## Interim Requirements

Interim is the annual four-week term between Fall and Spring semesters. During Interim, faculty members offer projects on topics not included in the regular curriculum and/or projects using novel approaches and experiences. Each student engages full time for the three weeks on a single project offered by a faculty member *OR* one proposed by the student and approved by the faculty-student Interim Committee. Regulations for Interim and for the submission/approval of student proposed projects may be obtained from the Interim Committee or the Interim Coordinator. The list of project topics, which changes yearly, is available through myWofford (<https://my.wofford.edu/>) early in the fall semester.

Each student must complete and pass four projects, one for each academic year or equivalent at Wofford. Only one interim project may be undertaken at a time. Failing a project will require the student to complete and pass a project in a subsequent interim or summer term.

Credit hours earned in interim projects may be applied **ONLY** toward the interim requirement. They cannot be used to satisfy any portion of general education, requirements for majors, minors or other programs.

### Exceptions to the Four Interim Rule

- Students who complete all degree requirements, including earning 120 credit hours, in three academic years are eligible to have one interim waived. Students that start a seventh semester (fall or spring) are required to complete a fourth interim.
- Students pursuing Education minor who are required to take EDUC 430 can apply the course to both the interim requirement and the Education minor.
- Satisfactory completion of a Wofford affiliated off-campus study program will stand in lieu of an interim project when the calendar of that study abroad program precludes the student's participation in Interim. However, actual interim credit hours are not awarded. Satisfactory completion is defined as earning a minimum of 12 credit hours with a term GPA of 2.00 in the off-campus study program.
- Students that transfer to Wofford after beginning their academic careers elsewhere will need to complete one interim for every academic year of enrollment at Wofford. For example, a student that transfers during the fall of their second year of college enrollment will need to complete three interim courses, if they graduate on-time during the Spring of their fourth year of collegiate enrollment. A student that delays graduation until the following Fall, will need to complete an additional interim as the student has initiated another year of enrollment.
- Students suffering from a medical condition or other extenuating circumstance that may preclude them from completing an interim, need to request a waiver of the interim requirement for that particular year. Each case is reviewed individually by the Interim Coordinator, Registrar, and Director of the Wellness Center in consultation with other faculty and staff as needed. Approved waivers will be noted in DegreeWorks with an exception adjusting the number of courses necessary to fulfill the interim requirement. Students who request a waiver that is not approved will need to complete the interim during a subsequent interim or summer term.
- During the 2020, 2021 and 2022 interim terms Wofford faculty experimented with offering general education courses. Students who completed an approved general education course during January 2020, 2022 or April Interim 2021 were permitted to apply that course to the appropriate general education requirement and receive

a waiver for one of the four interims required for graduation. A student that registered for and failed a pilot general education course taught during either of those terms had one interim course waived, but is required to complete the general education requirement in a subsequent semester/term. Students in this situation can take advantage of the repeat policy which permits replacing the previous grade earned in both credit hour and GPA calculations. The repeated course must be the exact same course (subject and number) in order to replace the previous grade in the calculations. Students who either officially or unofficially withdrew from a pilot general education course (i.e. do not complete the course) were **NOT** eligible for the interim course waiver and did **NOT** earn credit for the pilot general education course. **This particular exception to the four interim rule only applies to January 2020, 2022 and April Interim 2021 and approved pilot general education courses.**

## Major Requirements

A major involves the successful completion of substantial numbers of semester hours in one academic department or, under certain circumstances, in a selected combination of departments. More than half of the courses in a student's major must be taken and successfully completed at Wofford. In addition, a 2.00 grade point average (GPA) in the major is required for graduation. The major GPA is determined by computing the grade point average of courses that fulfill major requirements as described in this catalog. Courses taken, that do not fulfill major requirements, do not factor into the major GPA calculation.

The number of hours required for each major ranges from 27 - 40 (in addition to any prerequisite hours). The specific requirements for a given major can be found in the Departments, Programs & Courses (p. 46) section of this *Catalog*.

By March 1 of the sophomore year or at the point the student earns 60 credit hours, whichever is later, the student is required to officially declare their major by completing the Major Declaration Form (<https://www.wofford.edu/academics/registrar/forms/>). The form is available through myWofford (<https://my.wofford.edu/>) and the Registrar's webpage. It requires the approval of the Department Chair of the student's intended major who will also assign the student's faculty advisor.

Majors are available in: Accounting, Art History, Biology, Business Economics, Chemistry, Chinese, Computer Science, Economics, English, Environmental Studies, Finance, French, German, Government, History, Humanities, Intercultural Studies, International Affairs, Mathematics, Philosophy, Physics, Psychology, Religion, Sociology & Anthropology, Spanish, Studio Art, and Theatre.

## Minor Requirements

Minors involve substantial work in a discipline, but offer less depth and integration than a major. More than half of the courses in a minor must be successfully completed at Wofford. In addition, a student must earn a grade point average (GPA) of 2.00 in the courses that fulfill requirements for the minor. Specific requirements for each minor can be found under the Departments, Programs & Courses (p. 46) section of this *Catalog*.

Minors are offered in the following areas: Accounting, Arabic Language & Culture, Art History, Business, Chemistry, Chinese Studies, Computer Science, Creative Writing, Economics, Education, English, Environmental Studies, Film & Digital Media, Finance French & Francophone Studies, German Studies, Government, History, International Affairs, Mathematics,

Music, Philosophy, Physics, Religion, Sociology & Anthropology, Studio Art, and Theatre.

## Programs, Concentrations & Emphases

Wofford offers additional areas of study which are interdisciplinary in nature or specifically focus on one aspect of the student's chosen major.

Typically, programs are interdisciplinary fields open to all students, while concentrations and emphases are available only to students pursuing a specific major. Specific requirements for each can be found in the Departments, Programs & Courses (p. 46) section of the *Catalog*.

Programs, concentrations and emphases are offered in the following areas (those that require a specific major are noted in parentheses):

### Programs

African/African American Studies  
Asian Studies  
Data Science  
Energy Studies  
Gender Studies  
Latin American & Caribbean Studies  
Medicine & the Liberal Arts  
Middle Eastern & North African Studies  
Neuroscience  
19th Century Studies

### Concentrations and Emphases

American Politics (Government)  
Applied Math (Math)  
Computational Science (Science major)  
Creative Writing (English)  
Film & Digital Media (English)  
Political Theory (Government)  
Pure Math (Math)

## Pre-Professional Programs

### Army Reserve Officer Training Corps

With the completion of the ROTC program at Wofford College graduates earn commissions as second lieutenants in the United States Regular Army, the National Guard, or the United States Army Reserve. The program prepares students for all branches of the Army, except for those requiring additional study on the graduate- or professional-school level. Delays in beginning active service may be granted to commissioned students who wish to attend law, medical, or dental school.

The United States Army gives financial support to ROTC. This support includes provision of uniforms, textbooks, and equipment for students in the program. In addition, the Army offers scholarships to qualified students selected through a national competition.

Additional information on scholarships may be found in the Financial Aid & Scholarships (p. 25) portion of the *Catalog*. A description of program requirements can be found under Military Science (p. 115) section of Departments, Programs & Courses.

### Pre-Education

Students interested in earning a Master of Arts in Teaching (MAT) can do so through an articulation program with Converse University. The MAT degree program is designed for initial teacher certification

and incorporates a baccalaureate undergraduate degree with a major (in an area other than education) along with specified courses and field experiences in education. Entry to this program is available to Wofford students who have completed all or are within six hours of completing all requirements for the baccalaureate degree and who have completed a minimum of nine hours of the Wofford College education course component. Participants must have an overall undergraduate GPA of 3.0. Converse University will accept up to fifteen hours of education core course components completed while an undergraduate at Wofford College through this articulation agreement. Wofford students will complete at least one year of graduate study and any related requirements to satisfy the requirements for both the MAT degree and professional teacher certification. Areas of specialization designated by the articulation agreement include middle and secondary education in the areas of English, mathematics, science (biology or chemistry), or social studies. Students should consult with the chair of the Education department at Wofford for details regarding entry into this program.

## Pre-Engineering and Dual Degree Programs

A liberal arts education coupled with an engineering degree creates a unique engineer capable of solving complex technical problems and communicating those solutions to a broad audience that includes customers, other engineers, sales teams and executive officers. Our pre-engineering students take the skills they developed at Wofford and continue their studies elsewhere to round out their engineering degree.

The program has two potential pathways. The first is designed for students who graduate from Wofford and apply for graduate studies in engineering. The second is designed for students to complete the dual degree program requirements while at Wofford and then transfer to a partner institution (Columbia University or Clemson University) at the end of their junior year.

Both pathways start with calculus based general physics courses (PHY 141 and PHY 142). Interested students should contact the pre-engineering coordinator for curriculum guidance.

## Pre-Health Care, Pre-Ministry and Pre-Law

Wofford College has an excellent reputation for preparing individuals for entry into medicine, dentistry, nursing, veterinary medicine, the Christian ministry, and law. Generally, any of the College's majors provide a useful and appropriate background for students who wish to enter professional schools. There are, however, certain specific course requirements which must be met for admission to most professional and graduate schools. Therefore, it is necessary for interested students to consult early and frequently with the appropriate program adviser at Wofford.

Students interested in a health care field should be aware of course requirements for admission to schools of medicine, nursing, dentistry, or veterinary medicine. They should obtain the necessary information before choosing a major or deciding upon elective course work. Advisers for each area can be found in the Student Handbook.

There are no specific course requirements or majors which must be completed for admission to law school. Wofford College has a suggested curriculum for students who wish to prepare for the practice of law. Electives should include English, American History, Government, Accounting, Economics, Ethics, Writing, and Public Speaking. Statistics, Logic, Philosophy, Psychology and Religion also are recommended. A list of pre-law advisers can be found in the Student Handbook.

Students interested in Christian leadership and ministry are encouraged to affiliate with the Pre-ministerial Society and to establish a relationship with the college Chaplain, who offers opportunities for theological vocational exploration, mentoring, and seminary preparation.

## **Pre- Management**

Wofford College and Wake Forest University established a partnership in which Wofford students who meet certain requirements are guaranteed acceptance to Wake Forest's 10- month Master of Arts (MA) in Management. The MA in Management is ideal for liberal arts, economics, and sciences graduates looking to gain a competitive edge in business. The program is open to students of all majors with the exception of those pursuing a degree in accounting or finance.

Scholarships are assured, but amounts are based on GPA. The only recommended courses at the undergraduate level are ACCT 211 Accounting Principles and MATH 140 Introduction to Statistics. Students should consult with the program coordinator about details regarding entry to the program.

# Departments, Programs & Courses

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Departments establish and oversee their particular areas of study.

Each has outlined their course offerings, pre-requisites, major, minor, concentration, and emphasis requirements. Please be aware that not all courses are offered every year. For additional information about program requirements or course offerings, contact the appropriate department chair directly.

## Course Numbering System

Courses numbered at the 100-and 200-levels are primarily for first-year students and sophomores; courses numbered at the 300-and 400-levels are primarily for juniors and seniors. In general, courses numbered in the 250s, 450s or 460s are research courses or directed study courses; those numbered in the 470s are independent study courses; and those numbered in the 280s, 290s, 480s or 490s are either selected or advanced topics courses. Honors courses, which may be developed for individual senior students, are numbered at 500.

## Course Restrictions

**English Courses:** ENGL 102 Seminar in Literature and Composition is reserved for second semester first-year students. Students who do not complete this General Education requirement by the end of their second semester will need to seek an override to register for the course in a future semester. Second-year students have priority registration for the 200-level English literature courses. Students who do not fulfill the 200-level English requirement by the end of their second year will need to request an override from the instructor in order to register for a literature course in a subsequent semester.

**Math Courses:** MATH 160 Calculus for the Social Sciences and MATH 181 Calculus I are mutually exclusive. Students may NOT earn credit for both courses during their Wofford career.

**Modern Language Courses:** The 100- and 200-level language courses are typically reserved for incoming first-year students. Students who do not pursue/complete the language requirement in their first year of enrollment will need to request an override to register in a future semester. In addition, students who receive credit for a more advanced course normally may not take or repeat a less advanced course in the same language and receive credit for it. For example, a student who earned credit for FREN 201 may not subsequently take FREN 101 and earn credit.

**Psychology Courses:** PSY 110 Introductory Psychology and PSY 150 Introduction to Psychological Science (with lab) are mutually exclusive.

Students may NOT earn credit for both courses during their Wofford career.

## Course Credit Hour Limitations

Students may earn a maximum number of credit hours in the areas/courses as indicated below.

- 2 credit hours TOTAL in courses with the subject code of PHED
- 4 credit hours in EACH of the following courses: CHEM 250, CHEM 450, CHIN 241, MUS 260

- 6 credit hours in EACH of the following courses: COSC 280, ENGL 400, THEA 400
- 16 credit hours TOTAL in courses in Applied Music courses: MUS 100, 101, 102, 150, 151, 285, 302, and 351

## Accounting (ACCT), Business (BUS) & Finance (FIN)

The Department of Accounting, Business and Finance offers majors in Accounting and Finance, and minors in Accounting, Business, and Finance. Students majoring in either Accounting or Finance will be awarded the Bachelor of Science degree.

The Department of Accounting, Business, and Finance participates with the Department of Economics in offering the major in Business Economics. The Business Economics program is described in detail in the Economics portion of the catalog.

Students majoring in Accounting or Finance may NOT also major in Business Economics. The minor in Business is NOT available to students majoring in Business Economics.

## Honors Courses

The Department of Accounting, Business and Finance encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

## Chair

Philip G. Swicegood

## Professors

Jenny J. Bem  
Benjamin J. Cartwright  
Diane S. Farley  
Lillian E. González  
Ryan A. Johnson  
Rickey H. Madden  
Amanda M. Olsen  
Wm. Eddie Richardson  
N. Russ Sandifer  
Patrick M. Stanton  
James A. Stevens

## Proficiency Requirement

Students majoring in Accounting or Finance, or minoring in Accounting, Business or Finance will be expected to use computers for the following applications: word processing, spreadsheet analysis, Internet access, email, and database searches.

Students majoring in Accounting or Finance must earn a grade of 'C' or better in ACCT 211 Accounting Principles, ECO 201 Principles of Microeconomics, ECO 202 Principles of Macroeconomics, and FIN 321 Business Finance. A grade of 'C-' or better is required in MATH 140 Introduction to Statistics.

## Requirements for the Major in Accounting

Course	Title	Hours
<b>Prerequisites</b> <sup>1</sup>		
ECO 201	Principles of Microeconomics	
ECO 202	Principles of Macroeconomics	
MATH 140	Introduction to Statistics	
<b>Required Major Courses</b>		<b>27</b>
ACCT 211	Accounting Principles	
ACCT 341	Cost Accounting I	
ACCT 345	Accounting Information Systems	
ACCT 351	Intermediate Accounting I	
ACCT 352	Intermediate Accounting II	
ACCT 412	Auditing	
ACCT 425	Income Tax Concepts & Decision Making	
ECO 372	Business Law	
FIN 321	Business Finance	
<b>Management Elective</b>		<b>3</b>
Select one course from the following:		
BUS 331	Management	
BUS 347	Entrepreneurship and Small Business Management	
BUS 360	Strategic Management	
BUS 381	Selected Topics in Management	
<b>Marketing Elective</b>		<b>3</b>
Select one course from the following:		
BUS 338	Marketing	
BUS 339	Consumer Behavior	
BUS 340	Marketing Research	
BUS 382	Selected Topics in Marketing	
<b>Accounting Electives</b>		<b>6</b>
Select two courses from the following:		
ACCT 411	Advanced Accounting	
ACCT 413	Auditing II	
ACCT 426	Tax Concepts II	
ACCT 441	Cost Accounting II	
ACCT 445	Financial Statement Analysis	
Selected ACCT 480 courses		
<b>Total Hours</b>		<b>39</b>

## Requirements for the Major in Finance

Course	Title	Hours
<b>Prerequisites</b> <sup>1</sup>		
ECO 201	Principles of Microeconomics	
ECO 202	Principles of Macroeconomics	
MATH 140	Introduction to Statistics	
<b>Required Major Courses</b>		<b>9</b>
ACCT 211	Accounting Principles	
FIN 321	Business Finance	
FIN 445	Financial Statement Analysis <sup>2</sup>	
<b>Accounting Electives</b>		<b>6</b>
Select two courses from the following:		

ACCT 341	Cost Accounting I	
ACCT 351	Intermediate Accounting I	
ACCT 352	Intermediate Accounting II	
ACCT 425	Income Tax Concepts & Decision Making	
ACCT 426	Tax Concepts II	
ACCT 441	Cost Accounting II	
<b>Business Electives</b>		<b>6</b>
Select two courses from the following:		
BUS 301	Leadership - In Business & Beyond	
BUS 331	Management	
BUS 338	Marketing	
BUS 339	Consumer Behavior	
BUS 340	Marketing Research	
BUS 347	Entrepreneurship and Small Business Management	
BUS 350	Business and the Environment: The Sustainable Enterprise	
BUS 360	Strategic Management	
ECO 372	Business Law	
<b>Finance 400-level Electives</b> <sup>2</sup>		<b>12</b>
Select four courses from the following:		
FIN 411	Investments	
FIN 415	Bank Management	
FIN 420	Cases in Finance	
FIN 435	Real Estate Analysis	
FIN 437	Real Estate Development	
FIN 440	International Finance	
FIN 450	Corporate Financial Analysis	
FIN 470	Independent Study in Finance	
FIN 480	Advanced Topics in Finance	
<b>Total Hours</b>		<b>33</b>

<sup>1</sup> ECO 201 Principles of Microeconomics and ECO 202 Principles of Macroeconomics, usually taken in the sophomore year, are required by the Accounting and Finance majors, but may be taken at any time prior to graduation. Specific prerequisites for Accounting and Finance courses are noted in the Catalog course descriptions that follow.

<sup>2</sup> In order for a 400-level Finance course to apply to the Finance major or minor, a grade of 'C-' or better must be earned.

## Proficiency Requirement

Students majoring or minoring in Accounting or Finance must earn a grade of 'C' or better in BOTH ACCT 211 Accounting Principles and FIN 321 Business Finance.

## Requirements for the Minor in Accounting

Course	Title	Hours
<b>Prerequisite</b>		
MATH 140	Introduction to Statistics	
<b>Required Minor Courses</b>		<b>12</b>
ACCT 211	Accounting Principles	
FIN 321	Business Finance	
ACCT 341	Cost Accounting I	

ACCT 351	Intermediate Accounting I	
<b>Accounting Electives</b>		<b>6</b>
Select 6 credit hours in Accounting (ACCT) courses at the 300- or 400-level		
<b>Total Hours</b>		<b>18</b>

## Requirements for the Minor in Finance

Course	Title	Hours
<b>Prerequisite</b>		
MATH 140	Introduction to Statistics	
<b>Required Minor Courses</b>		<b>9</b>
ACCT 211	Accounting Principles	
FIN 321	Business Finance	
FIN 445	Financial Statement Analysis <sup>1</sup>	
<b>Finance Electives</b>		<b>9</b>
Select 9 credit hours of Finance (FIN) courses at the 400-level <sup>1</sup>		
<b>Total Hours</b>		<b>18</b>

## Requirements for the Minor in Business

Course	Title	Hours
<b>Required Minor Courses</b>		<b>6</b>
ACCT 211	Accounting Principles	
FIN 321	Business Finance	
<b>Business Electives</b>		<b>12</b>
Select 12 credit hours of Business (BUS) courses at the 300 or 400-level or PHIL 213 <sup>2</sup>		
<b>Total Hours</b>		<b>18</b>

<sup>1</sup> In order for a 400-level Finance course to apply to the Finance major or minor, a grade of 'C-' or better must be earned.

<sup>2</sup> Business courses may NOT double count in both the Business minor and any other program of study. Students are required to take additional Business courses to total 12 hours that do not apply elsewhere.

## Accounting (ACCT)

### ACCT 211. Accounting Principles. 3 Hours.

Introduction to the basic concepts and methodology of financial accounting, with emphasis on the analysis and recording of business data, and the preparation and use of corporate financial statements. Students majoring or minoring in Accounting or Finance must earn a grade of C or better. Offered every semester.

### ACCT 220. Excel Spreadsheets & Modeling. 1 Hour.

This course introduces Microsoft Excel as a vital tool for handling accounting and finance functions. Students will learn to produce effective analytical tools that take advantage of conditional formatting, advanced formulas and macros, and charts and graphs. Students will also learn to model scenarios and manage data effectively. This course is for users with limited or intermediate background in Excel. This course does not fulfill any major or minor requirement. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of D.

### ACCT 280. Selected Topics in Accounting. 1 to 4 Hours.

Selected topics in Accounting at the introductory or intermediate level. Offered on an occasional basis.

### ACCT 341. Cost Accounting I. 3 Hours.

Introduction to cost accounting, with emphasis on management use of accounting data for planning, budgeting, and decision making. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of D.

### ACCT 345. Accounting Information Systems. 3 Hours.

A study of the information systems which assist an organization in meeting its objectives efficiently and effectively. The course includes an overview of the purpose, design, and use of specific systems. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of C.

### ACCT 351. Intermediate Accounting I. 3 Hours.

In-depth study of financial accounting theory and practice primarily related to assets. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of C.

### ACCT 352. Intermediate Accounting II. 3 Hours.

In-depth study of financial accounting theory and practice primarily related to liabilities and stockholders' equity. Offered every semester.

**Prerequisite:** ACCT 351 with a minimum grade of C and FIN 321 with a minimum grade of C.

### ACCT 411. Advanced Accounting. 3 Hours.

Study of accounting entities such as multi-national enterprises, partnerships, not-for-profit and governmental organizations, and consolidated corporations. Offered fall semester.

**Prerequisite:** ACCT 351 with a minimum grade of C.

### ACCT 412. Auditing. 3 Hours.

Theory of auditing, using generally accepted auditing standards. Additional emphasis on practical applications of auditing techniques. Offered every semester.

**Prerequisite:** ACCT 351 with a minimum grade of C.

### ACCT 413. Auditing II. 3 Hours.

A continued study of the theory of auditing with an emphasis on the current auditing environment; the critical role that ethics, professional judgement, and knowledge of the client's internal controls, business, and industry play in an effective audit; and the procedures and tools available to the auditor to perform an effective audit. Offered spring semester.

**Prerequisite:** ACCT 412 with a minimum grade of C.

### ACCT 425. Income Tax Concepts & Decision Making. 3 Hours.

Theory and practice of federal income taxation of individuals and businesses, with an emphasis on decision making. Offered each semester.

**Prerequisite:** ACCT 211 with a minimum grade of C.

### ACCT 426. Tax Concepts II. 3 Hours.

In-depth study of federal taxation as it relates to corporations, estates, partnerships, and trusts. Offered spring semester.

**Prerequisite:** ACCT 425 with a minimum grade of C.

### ACCT 441. Cost Accounting II. 3 Hours.

A continued study of current cost accounting issues. Topics include manufacturing costs, cost accounting trends, and analysis and interpretation of managerial accounting data. Offered every semester.

**Prerequisite:** ACCT 341 with a minimum grade of C.



**ACCT 445. Financial Statement Analysis. 3 Hours.**

This course helps students understand financial statements from management, shareholder, and creditor perspectives. Students will learn how financial statements are organized, are used by managers to improve company performance, and are used by investors in valuing companies and in evaluating potential investments. Cross-listed with FIN 445. Offered every semester.

**Prerequisite:** FIN 321 with a minimum grade of C.

**ACCT 453. Income Tax Assistance. 1 Hour.**

The Volunteer Income Tax Assistance (VITA) Program is conducted in partnership with the Internal Revenue Service and the United Way of the Piedmont. After passing a series of exams administered by the IRS, certified volunteers offer free tax help to low- to moderate income individuals who are unable to prepare their own tax returns. Students will develop academic and social skills through valuable hands-on experience, and improve the economic status of VITA clients from within the Spartanburg community. Permission of instructor required. Offered spring semester.

**Prerequisite:** ACCT 425 with a minimum grade of D.

**ACCT 470. Independent Study in Accounting. 1 to 3 Hours.**

Independent study of selected topics in accounting at an advanced level. Specific topics vary from semester to semester.

**ACCT 480. Advanced Topics in Accounting. 1 to 4 Hours.**

Topics and credit may vary from year to year. Permission of instructor required. Offered on occasional basis.

## Business (BUS)

**BUS 210. Personal Finance. 3 Hours.**

This course focuses on managing money on the personal, that is, individual or household, level. It is a broad introductory course covering banking, taxes, credit, insurance and investing. This course does not satisfy any major or minor requirements for Accounting or Finance nor does it satisfy any requirements for the Business minor. Offered every semester.

**BUS 280. Selected Topics in Business. 1 to 4 Hours.**

A study of selected topics in business at an intermediate level. Offered on an occasional basis.

**BUS 301. Leadership - In Business & Beyond. 3 Hours.**

Leadership occurs in all areas of human activity - business, the military, government, church, science, politics, education, the arts, and more. The mission statement of Wofford College specifies leadership as one of the means by which our students should be prepared "...for extraordinary and positive contributions to society." The promise of this course is that students who master the model presented will become leaders who exercise leadership effectively as their natural self-expression. The educational philosophy of the course is that students must first learn about leader and leadership, and then seamlessly integrate them into their lives. Offered every semester.

**BUS 331. Management. 3 Hours.**

A study of management topics such as performance, worker productivity, social responsibilities, managerial skills, organizational theory, and strategy. Both historical and contemporary examples are used to illustrate important concepts. This course is writing intensive and also will require each student to make an oral presentation on an assigned management topic. Offered every semester.

**BUS 338. Marketing. 3 Hours.**

A study of basic marketing concepts. Topics include product, price, promotion and distribution strategies, and analysis of market information and buying behavior. Offered every semester.

**BUS 339. Consumer Behavior. 3 Hours.**

Concepts, methods, and models used in understanding, explaining, and predicting consumer motivation and behavior. Implications for influencing decisions are highlighted. Offered fall semester.

**BUS 340. Marketing Research. 3 Hours.**

A study of the application of the scientific method and analysis to marketing phenomena. Offered spring semester.

**BUS 347. Entrepreneurship and Small Business Management. 3 Hours.**

An introduction to entrepreneurship and the unique requirements of managing a small business enterprise. For-profit, not-for-profit, educational, social entrepreneurship and small business management are discussed. The key concepts to be covered in this course are entrepreneurial perspectives, idea generation, opportunities, venture funding and financing alternatives, marketing and advertising methods, and launch of the new venture. An important feature of the course is the creation of a business plan by students. The course will be communications-intensive through class discussions, writing assignments, and formal presentations. Offered annually.

**Prerequisite:** ACCT 211 with a minimum grade of D and FIN 321 with a minimum grade of D.

**BUS 350. Business and the Environment: The Sustainable Enterprise. 3 Hours.**

Appropriate for all majors, this course will explore how environmental issues, especially climate change, are not only serious societal challenges but are becoming major business and market issues. We will discuss how an active role by business is critical to addressing global environmental challenges and how creative enterprises are pursuing new business opportunities linked to environmental products and initiatives. Offered annually.

**BUS 360. Strategic Management. 3 Hours.**

An introduction to the topic of strategic management - the integrative management discipline used by organizations to create and sustain superior firm performance relative to competitors (Frank Rothaermel). Strategic management integrates knowledge from other disciplines by focusing on analysis, formulation, and deployment of an overarching strategy for how to win in the marketplace. The high-level outcome of the course is that students begin to grasp the crucial role of strategy in leading organizations to sustainably deliver value to its stakeholders. **Prerequisite:** ACCT 211 with a minimum grade of D and FIN 321 with a minimum grade of D.

**BUS 380. Selected Topics in Business. 1 to 4 Hours.**

Selected topics in business at the intermediate level. Specific topics vary from semester to semester.

**BUS 381. Selected Topics in Management. 1 to 4 Hours.**

Selected topics in management at the intermediate level. Specific topics vary from semester to semester.

**BUS 382. Selected Topics in Marketing. 1 to 4 Hours.**

Selected topics in marketing at the intermediate level. Specific topics vary from semester to semester.

**BUS 470. Independent Study in Business. 1 to 3 Hours.**

Independent study of selected topics in business at an advanced level. Specific topics vary from semester to semester.

**BUS 480. Advanced Topics in Business. 1 to 4 Hours.**

Topics and credit may vary from year to year. Permission of instructor required. Offered on occasional basis.

**Finance (FIN)****FIN 280. Selected Topics in Finance. 1 to 4 Hours.**

This listing covers a variety of topics. Ordinarily, these offerings require few, if any, prerequisites and do not count toward fulfillment of the Finance major. Offered on occasional basis.

**FIN 321. Business Finance. 3 Hours.**

A study of the fundamental concepts in financial management, including present value, stock and bond valuation, financial analysis and forecasting, capital budgeting, and long-term financing alternatives. Students majoring or minoring in Accounting or Finance must earn a grade of C or better. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of D and MATH 140 with a minimum grade of D.

**FIN 411. Investments. 3 Hours.**

A study of investment alternatives such as stocks, bonds, options, and futures, and of the markets which provide for trading in these instruments. Modern portfolio theory is studied and applied using groups of investment possibilities. Using a computer software package, students construct several portfolios and track their performance throughout the semester. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C.

**FIN 415. Bank Management. 3 Hours.**

An introduction of the theory and practice of commercial bank management. It covers topics such as bank regulation, managing deposits and loans, credit evaluation, raising capital, and bank operations. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C.

**FIN 420. Cases in Finance. 3 Hours.**

A study of advanced topics in finance, particularly corporate finance, using the business case methodology. Offered annually.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C and (FIN 445 with a minimum grade of C or ACCT 445 with a minimum grade of C).

**FIN 435. Real Estate Analysis. 3 Hours.**

An introduction to real estate analyses emphasizing discounted cash flow methods, financing alternatives, tax implications, and uncertainty. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C.

**FIN 437. Real Estate Development. 3 Hours.**

An exploration of the various aspects commercial real estate development such as market analysis, land acquisition, financing, construction, property management, and real estate investment trusts.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C.

**FIN 440. International Finance. 3 Hours.**

A course covering the essentials of international finance, including international portfolio analysis, capital markets, investment instruments, and contemporary geopolitical events affecting foreign investments. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C.

**FIN 445. Financial Statement Analysis. 3 Hours.**

This course helps students understand financial statements from management, shareholder, and creditor perspectives. Students will learn how financial statements are organized, are used by managers to improve company performance, and are used by investors in valuing companies and in evaluating potential investments. Cross-listed with ACCT 445. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C.

**FIN 450. Corporate Financial Analysis. 3 Hours.**

Students will learn how to apply financial theory to analyze and resolve simple and complex business issues. Students will be provided with descriptions of business situations in which they will identify the important issues, identify and analyze various options for resolving these issues, and present recommended solutions supported by quantitative and qualitative justifications. Often these analyses will include the development of financial models. Offered spring semester.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C and (FIN 445 with a minimum grade of C or ACCT 445 with a minimum grade of C).

**FIN 461. Applied Investment Research: CFA Institute of Investment Research Challenge. 1 Hour.**

In this course, students research and write an in-depth investment report on a public company selected by the CFA (Certified Financial Analysts) Institute. The students then present and defend their report to a panel of CFA judges in an intercollegiate competition in which graduate and undergraduate teams from colleges and universities in the region compete. The top-rated teams then compete in a regional final. Graded on a Pass/Fail basis. Instructor permission required. This course does not fulfill any major or minor requirements. Offered spring semester.

**FIN 466. Applied Portfolio Management. 1 Hour.**

In this course, students lead the research teams that make up the Student-Managed Investment Fund (James Fund). The research teams conduct monthly in-depth investment analysis of a security. The students then present and defend their findings to the entire James Fund membership. They also report annually to the Investment Advisory Committee of the Board of Trustees. Offered on a pass/fail basis. This course does not fulfill any major or minor requirements. Offered spring semester.

**FIN 470. Independent Study in Finance. 1 to 3 Hours.**

Independent study of selected topics in finance at an advanced level. Specific topics vary from semester to semester.

**FIN 480. Advanced Topics in Finance. 1 to 4 Hours.**

Selected topics in Finance at the advanced level. Topics and credits may vary from year to year.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C.

**FIN 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Arabic Studies (ARBC)

Arabic is part of the Department of Modern Languages, Literatures, and Cultures. Arabic offers an interdisciplinary minor that provides students the opportunity to take courses from a diverse set of departments.

### Special Considerations

Students who directly enroll in and complete a 300- level Arabic language course with a grade of 'C' or higher may be awarded credit for 201 and 202 courses provided they have not previously earned any lower division credit in that particular language.

Students who earned/received credit for a higher level Arabic language course may not take or repeat a course at a lower level and receive credit for that course.

### Coordinator

Youness Mountaki

## Requirements for the Minor in Arabic Studies, Language and Culture

The minor in Arabic Language and Culture requires 19 credit hours composed of five courses, four language courses in Arabic and an additional approved elective. Students are encouraged to complete a semester of study abroad in an Arabic speaking country. The minor in Arabic Language and Culture and the program in Middle Eastern and North African Studies are mutually exclusive. This means students completing both programs may NOT use the same courses to fulfill requirements in both areas.

Course	Title	Hours
<b>Required Minor Courses</b>		<b>16</b>
ARBC 101	Beginning Active Arabic	
ARBC 102	Beginning Active Arabic	
ARBC 201	Intermediate Active Arabic	
ARBC 202	Intermediate Active Arabic	
<b>Elective</b>		<b>3</b>
Select one course from the following:		
ARBC 280	Selected Topics in Arabic	
ARBC 301	Advanced Arabic	
ARBC 302	Advanced Arabic	
ARTH 225	Islamic Art	
ECO 310	Economics of Immigration	
ENGL 339	Race, Gender, and Empire	
ENGL 435	Global Digital Cultures	
HIST 191	Modern Middle East	
INTL 361	Middle East Politics	
INTL 383	Revolutions & Regime Change	
MENA 260	Peace & Conflict	

MENA 301	Middle Eastern Film	
MENA 354	Middle Eastern & North African Studies: An Area Studies Seminar	
REL 221	Introduction to Islam	
REL 263	Ethnography of Religion in the Middle East & North Africa	
REL 304	Gods of the Biblical World: Polytheism, Magic, and Israelite Religion	
REL 305	Death & Sacrifice in the Ancient World	
REL 331	Christian & Islamic Theology in Comparative Perspective	
REL 351	Political Islam	
REL 353	Contemporary Islam	
REL 362	Ritualized Space in the Middle East	
REL 363	Islam in the Media	
<b>Total Hours</b>		<b>19</b>

### ARBC 101. Beginning Active Arabic. 4 Hours.

This course will introduce the basic skills needed to master reading, writing, listening, and speaking Modern Standard Arabic (also known as formal Arabic, or al-fusha, the spoken lingua franca of the Arab world and the language of written Arabic documents such as religious texts, published material such as books, newspapers and magazines; and media sources and broadcasts), as well as the Shami dialect of Arabic, spoken in Lebanon, Syria, Jordan, and Palestine. This course will provide the necessary foundation for future development in Arabic proficiency, as well as provide students with the necessary tools and proficiencies to begin to speak, read, write, and listen to Arabic both inside and outside of the classroom.

### ARBC 102. Beginning Active Arabic. 4 Hours.

This course will introduce the basic skills needed to master reading, writing, listening, and speaking Modern Standard Arabic (the spoken lingua franca of the Arab world and the language of written Arabic documents, media and broadcasts), as well as the Shami dialect of Arabic, spoken in Lebanon, Syria, Jordan, and Palestine. This course will provide the necessary foundation for future development in Arabic proficiency, as well as provide students with the necessary tools and proficiencies to begin to speak, read, write, and listen to Arabic both inside and outside of the classroom.

**Prerequisite:** ARBC 101 with a minimum grade of D.

### ARBC 201. Intermediate Active Arabic. 4 Hours.

Students will build upon their reading, writing, listening, and speaking skills of Modern Standard Arabic, as well as the Shami and Masri dialects of Arabic, this course will provide the necessary foundation for the independent study of Arabic literature, study abroad in a foreign country, as well as provide students with the ability to speak, read, write, and listen to Arabic in an environment outside of the classroom. Selected topics at the intermediate level about the diverse cultures within the Arabic speaking world, such as different traditions, food, and calligraphy will be integrated into the course. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**Prerequisite:** ARBC 102 with a minimum grade of C-.

**ARBC 202. Intermediate Active Arabic. 4 Hours.**

Building upon student reading, writing, listening, and speaking skills of Modern Standard Arabic, as well as the Shami and Masri dialects of Arabic, this course will provide the necessary foundation for the independent study of Arabic literature, study abroad in a foreign country, as well as provide students with the ability to speak, read, write, and listen to Arabic in an environment outside of the classroom. Selected topics at the intermediate level about the diverse cultures within the Arabic speaking world, such as different traditions, food, and calligraphy will be integrated into the course. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**Prerequisite:** ARBC 201 with a minimum grade of C-.

**ARBC 280. Selected Topics in Arabic. 1 to 4 Hours.**

The study of selected topics, at the introductory or intermediate level, in Arabic.

**ARBC 301. Advanced Arabic. 3 Hours.**

Through frequent communicative activities, this course continues to encourage students to read, write, listen, and speak in Modern Standard Arabic, as well as the Shami and Masri dialects of Arabic. The instruction will be done completely using the target language. Writing activities will be conducted independently and collectively. Selected topics at the advanced level about the diverse cultures within the Arabic speaking world, such as different religious practices, music, and the role of public spaces will be integrated into the course. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**Prerequisite:** ARBC 202 with a minimum grade of C-.

**ARBC 302. Advanced Arabic. 3 Hours.**

Through frequent communicative activities, this course continues to encourage students to read, write, listen, and speak in Modern Standard Arabic, as well as the Shami and Masri dialects of Arabic. The instruction will be done completely using the target language. Writing activities will be conducted independently and collectively. Selected topics at the advanced level about the diverse cultures within the Arabic speaking world, such as different religious practices, music, and the role of public spaces will be integrated into the course. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**Prerequisite:** ARBC 301 with a minimum grade of C.

## African/African American Studies (AAAS)

The program in African/African American Studies is an interdisciplinary study of the rich history and culture of Africa and the descendants of Africa in America. Working across disciplines and departments, the program integrates courses from Art History, English, Government, History, Philosophy, Religion, Sociology, and Theatre, and culminates in an independent capstone project.

The program in African/African American Studies is not a major. Courses applied toward requirements for African/African American Studies also may be counted for other programs, majors, or minors.

### Coordinator

James R. Neighbors, English

## Program Requirements

Course	Title	Hours
<b>Theory Course</b>		<b>3</b>
Select one theory course		
ENGL 320	African American Literature	
ENGL 339	Race, Gender, and Empire	
HIST 394	History of Slavery & Slave Societies	
SOC 240	Race and Racisms	
<b>Elective Courses</b>		<b>12</b>
Select four courses from the following, with not more than two (including the theory course), from the same department:		
ARTH 241	African Art: Gender, Power & Life-Cycle Ritual	
ARTH 311	African American Art	
ENGL 206	Survey of African American Literature	
ENGL 320	African American Literature	
ENGL 330	Black Arts Movement	
ENGL 339	Race, Gender, and Empire	
ENGL 340	African Literature	
ENGL 424	African American Drama	
ENGL 427	Queer Black Literature	
ENGL 428	Slave Narratives as Resistance	
ENGL 436	Literature & Human Rights	
GOV 333	Southern Politics	
GOV 335	African American Politics	
HIST 193	History of the Peoples of Sub-Saharan Africa	
HIST 307	History of the American South to the Civil War	
HIST 308	History of the American South since the Civil War	
HIST 321	African-American History to 1865	
HIST 322	African-Am History since 1865	
HIST 394	History of Slavery & Slave Societies	
HIST 401	Ancient Egyptian History, Prehistory-1550 BC	
HIST 402	Ancient Egyptian History, c.1550-30 BCE	
INTL 363	African Politics	
PHIL 331	African Philosophy	
REL 340	Religion in the American South	
SOC 240	Race and Racisms	
THEA 424	African American Drama	
<b>Senior Capstone Project</b>		<b>3</b>
AAAS 448	Capstone Project: African/African American Studies	
<b>Total Hours</b>		<b>18</b>

Special topics courses offered at the 480- or 490-level through the departments of Art History, English, Government & International Affairs, History, Philosophy, Religion, Sociology & Anthropology and Theatre may apply to the program with prior approval by the Coordinator.

**AAAS 448. Capstone Project: African/African American Studies. 3 Hours.**

Designed by the student, the Capstone Project combines an understanding of African/African American theory with interdisciplinary study in two disciplines of the student's choice. Often the project will take the form of a traditional research paper (20-30 pages), but works of fiction or drama, field studies, multi-media presentations, or other formats are acceptable, subject to the coordinators' approval. Projects other than research papers must be accompanied by a bibliography of sources and a 5-10 page statement explaining goals, results, and research methods. Students will defend their final project before a committee of three faculty members, consisting normally of two teaching courses in the African/African American Studies program and one outside reader; these defenses will be open to the Wofford community. Permission of the coordinator is required.

## Art History (ARTH) and Studio Arts (ARTS)

The department offers a Bachelor of Arts degree in Art History and in Studio Art. Minors are available in both areas as well.

The curriculum in Art History immerses students in the study of visual culture, especially works of painting, sculpture, and architecture, but also other media such as prints, textiles, and body adornment. Coursework in Art History develops a mastery of the concepts and language particular to the analysis of images and architectural space. Art History is inherently cross-disciplinary, and the task of understanding a work of art in its historical context requires an awareness of the politics, economics, literature and religion of that period. Students majoring in Art History will acquire skills in visual analysis, familiarity with different approaches to the interpretation of works of art, training in the techniques of research in the humanities, and the ability to write clearly and persuasively about art.

The curriculum in Studio Art prepares students to sustain a lifelong creative practice rooted in the relationship between the hand and the mind. Taught by practicing artists and scholars, Studio Art courses introduce a broad range of contemporary and traditional modes of artistic production, enabling students to develop their own creative voices. Coursework in Studio Art prepares students to become informed artists, building art practices that synthesize interdisciplinary scholarship and life experiences with practical training in diverse artistic media, from drawing and painting to photography, printmaking, sculpture, and installation art. The Studio Art program culminates with a senior exhibition in the Richardson Family Art Gallery or an independent project of equivalent scope.

### Honors Courses

The Department of Art History and Studio Art encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

### Chair

David S. Efurud

### Professors

Rebecca M. Forstater  
Karen H. Goodchild  
Jessica Scott-Felder

Michael D. Webster  
Gillian T. Young

## Requirements for the Major in Art History

Students should successfully complete ARTH 201, 202 and 220 either prior to or concurrently with ARTH 411. All majors should take ARTH 411 Art Historiography during or before the fall semester of their junior year.

As part of ARTH 411 majors will take the Art Historical Proficiency exam. Students must earn a score of 75 percent or higher on the exam.

Students are encouraged to spend at least a semester studying abroad. Although not a requirement, the Senior Capstone course (ARTH 448 Senior Capstone in Art History) is an excellent option for students who are considering graduate study. The Capstone is designed to provide students with the opportunity to pursue an advanced research project under the guidance of a member of the Art History faculty. Completing an internship related to the field, either over the summer or during the academic year, is also recommended.

Course	Title	Hours
<b>Required Major Courses</b>		<b>12</b>
ARTH 201	History of Western Art I	
ARTH 202	History of Western Art II	
ARTH 220	Survey of Asian Art History	
ARTH 411	Art Historiography	
<b>Studio Art Elective</b>		<b>3</b>
Select one course from the following:		
ARTS 250	Design Strategies	
ARTS 251	Drawing	
ARTS 260	Sculpture I	
ARTS 351	Figure Drawing	
ARTS 353	Painting	
ARTS 360	Sculpture II	
<b>Method &amp; Analysis Elective</b>		<b>3</b>
Select one course from the following:		
ARTH 412	Gender & Art of the Early Modern Period	
ARTH 415	Empires & Antiquities	
PHIL 310	Philosophy of Art	
<b>Art History Elective</b>		<b>3</b>
Select one Art History (ARTH) course at the 200-, 300-, or 400-level		
<b>Upper-Level Art History Electives</b>		<b>9</b>
Select three Art History (ARTH) courses at the 300- or 400-level		
<b>Total Hours</b>		<b>30</b>

## Requirements for the Major in Studio Art

All Studio Art majors are required to participate in the culminating Senior Exhibition during held in the spring semester senior year, or to request approval to complete an independent project of equivalent scope. Majors should plan to take ARTS 446 during the spring semester of junior year, ARTS 447 during the fall semester of senior year, and ARTS 448 during the spring semester of senior year.

Course	Title	Hours
<b>Required Major Courses</b>		<b>22</b>
ARTH 231	Global History of Modern and Contemporary Art	
ARTS 250	Design Strategies	
ARTS 251	Drawing	
ARTS 258	New Media I	
ARTS 260	Sculpture I	
ARTS 446	Portfolio Review	
ARTS 447	Senior Studio I	
ARTS 448	Senior Studio II	
<b>Upper-Level Studio Art Electives</b>		<b>9</b>
Select 3 Studio Art (ARTS) courses at 300 or 400-level		
<b>General Elective</b>		<b>3</b>
Select one of the following:		
A Studio Art (ARTS) or Art History (ARTH) course (at any level)		
ENGL 377	Digital Filmmaking	
ENGL 477	Advanced Digital Filmmaking	
THEA 375	Scene Painting	
THEA 380	Set Design	
THEA 390	Costume Design	
THEA 395	Lighting Design	
<b>Total Hours</b>		<b>34</b>

## Requirements for the Minor in Art History

Course	Title	Hours
<b>Required Art History Courses</b>		<b>9</b>
ARTH 201	History of Western Art I	
ARTH 202	History of Western Art II	
ARTH 220	Survey of Asian Art History	
<b>Art History Electives</b>		<b>6</b>
Select two Art History (ARTH) courses at the 300- or 400-level.		
<b>Elective</b>		<b>3</b>
Select one course from the following:		
Any additional Art History (ARTH) course		
ARTS 250	Design Strategies	
ARTS 251	Drawing	
ARTS 260	Sculpture I	
ARTS 351	Figure Drawing	
ARTS 353	Painting	
<b>Total Hours</b>		<b>18</b>

## Requirements for the Minor in Studio Art

The Studio Art minor affords the opportunity to develop an artistic and creative practice alongside the student's major field of study. The Studio Art minor requires 18 semester hours. Courses completed toward the Studio Art minor cannot count toward any other major, minor, or concentration.

Course	Title	Hours
<b>Required Minor Course</b>		<b>3</b>
ARTS 251	Drawing	
<b>Studio Art Electives</b>		<b>6</b>
Select two Studio Art (ARTS) course at the 200-level		
<b>Studio Art Upper-Level Electives</b>		<b>6</b>
Select two Studio Art (ARTS) course at the 300- or 400-level		
<b>Art History Elective</b>		<b>3</b>
Select one Art History (ARTH) course at the 200-level		
<b>Total Hours</b>		<b>18</b>

## Art History (ARTH)

### ARTH 201. History of Western Art I. 3 Hours.

An introductory survey of Western art and its major monuments, artists, techniques, styles, and themes which encompass the art of prehistory, the Ancient World, the Middle Ages and the Renaissance.

### ARTH 202. History of Western Art II. 3 Hours.

An introductory survey of Western art and its major monuments, artists, techniques, styles and themes. This course surveys the art of the Baroque and the 18th, 19th and 20th centuries.

### ARTH 210. Principles & Types of Architecture. 3 Hours.

An introduction to the study of architecture through an examination of the principles that underlie architectural design and their use in outstanding historic examples of residential, religious, and civic architecture.

### ARTH 220. Survey of Asian Art History. 3 Hours.

An introduction to the arts of Asia, including India, China, Japan, Korea, and Southeast Asia. This course addresses the distinctive styles, forms, and aesthetics of Asian art and their expression of Asian cultures and values. An emphasis will be placed upon indigenous traditions and transmissions of culture that motivated the creation of works of art. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

### ARTH 225. Islamic Art. 3 Hours.

A survey of the art and architecture of Islamic cultures throughout the world. Emphasis in this course will be placed on understanding works of art within their social and religious contexts, including ritual use and/or cultural meaning, underlying aesthetic principles, and the social and political motivations shaping artistic production. Additional issues addressed include the use of art to express political power and Western attitudes towards Islamic art and civilization. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

### ARTH 231. Global History of Modern and Contemporary Art. 3 Hours.

An historical overview of visual art throughout the twentieth century and into the twenty-first. This course will introduce the crucial social, political, philosophical and technological changes that shaped the development of modern and contemporary art. In examining the complex connections between artistic practice and diverse contexts, particular emphasis will be placed on the vital moments of artistic exchange between cultures and contested notions of modernity.

### ARTH 241. African Art: Gender, Power & Life-Cycle Ritual. 3 Hours.

A survey of the arts of sub-Saharan Africa. This course examines examples of sculpture, architecture, painting, pottery, textile art, and body adornment in their religious, political, and social contexts. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ARTH 280. Selected Topics in Art History. 1 to 4 Hours.**

Selected topics in Art History at the introductory or intermediate level.

**ARTH 301. Ancient & Classical Art. 3 Hours.**

A study of the major developments in ancient Greek and Roman art and architecture, including a consideration of the Aegean and Etruscan cultures that preceded them. This course places objects in their cultural context, with emphasis on the use of art as a tool for political propaganda.

**ARTH 302. Medieval Art. 3 Hours.**

A study of the major developments in the visual arts during the Middle Ages, including the art of Constantinian Rome and Byzantium, the pre-Christian art of the North and its assimilation into the Christian tradition, the artistic expression of monasticism and pilgrimage, and the Gothic flowering of art in cathedral construction, sculpture, and manuscript illumination.

**ARTH 303. Italian Renaissance Art. 3 Hours.**

An examination of the arts of painting, sculpture, and architecture as practiced in Italy between 1300 and 1600, with emphasis on artistic techniques that were invented and/or perfected during this period. Topics discussed include humanism and the revival of antiquity, the changing social status of the artist, and the relation between the visual arts and literature.

**ARTH 304. Baroque & Rococo Art. 3 Hours.**

A study of the various individual, national, and period styles practiced during the 17th and 18th centuries, a period encompassing the artistic expression of absolute monarchy, Catholic encouragement vs. Protestant rejection of liturgical art, the foundation of academies of art, and the revelatory works of Bernini, Rubens, Velazquez, and Rembrandt.

**ARTH 305. 19th-Century Art. 3 Hours.**

A study of the principal styles and artists that distinguish the art produced just prior to and throughout the 19th century, seen against the background of significant cultural developments: political and industrial revolutions, the establishment of mass cultural venues such as the museum and the world's fair, the influence of music on the visual arts, and the waning influence of the academies vs. the emergent concept of the avant-garde.

**ARTH 308. Art of the American South. 3 Hours.**

This comprehensive survey course offers an overview of art of the American South. This course explores art of the American South from later European settlement through the present day, with the goal of exposing and understanding historical trajectories and myths as they play out in the visual arts. This seminar provides a broad overview of selected topics, including: natural history illustration; maps; architectural and decorative arts history; geographical spotlights (Charleston in particular); visual responses to war (the Civil War in particular); landscape painting; sonic approaches; photography; New Deal visual arts programs; regionalism; self-taught art and vernacular traditions; modernist impulses; and critiques and legacies of racism.

**ARTH 310. 20th Century Architecture: Modernism & Post-Modernism. 3 Hours.**

An exploration of the architecture of the twentieth century and the various architects, styles, and theories of design encompassed by the broad labels Modern and Post-Modern. These topics will be studied from a variety of perspectives-political, economic, social, technological, and aesthetic-in an effort to understand how recent architecture reflects the circumstances which surrounded its making and what the architects of the time tried to achieve and to express with its creation.

**ARTH 311. African American Art. 3 Hours.**

An introduction to African American art and artists and their social contexts from early slavery to the present day. The course will examine the roots, main currents, forms, styles, content, aesthetics, and ideological dimensions of African American art. Also considered will be the advantages and disadvantages of framing African American art as a distinct category and the 'black experience' as a distinct type of background. An emphasis will be placed on visual acuteness and identification, proper art historical terminology and concepts, and developing analytical writing skills.

**ARTH 321. Art of South Asia. 3 Hours.**

A study of major developments in the visual arts of the Indian subcontinent from the protohistoric era through the seventeenth century. Topics discussed include the political, economic, social, and cultural conditions that shaped the direction of visual arts and architecture in South Asia. Fundamental to this course will be the meaning and symbolic content of the arts in relation to regional indigenous religious traditions, namely Hinduism, Buddhism, and Jainism. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ARTH 322. Art of China. 3 Hours.**

An examination of topics in the visual arts of China from its protohistoric river cultures to the contemporary era. This course traces the development of Chinese art in the fields of painting, sculpture, calligraphy, architecture, and ceramics. Of special interest are the functional aspects of art, whether for ritual, expressive, or propagandistic purposes, and the shifting roles of artist and patron in Chinese civilization. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ARTH 323. Art of Japan. 3 Hours.**

An examination of topics relating to the visual arts of Japan, ranging from pottery and clay technologies in the protohistoric era to developments in the manufacture of nineteenth-century multicolored woodblock prints. Issues to be addressed include the impact of cultural interactions with continental Asia, the transmission of Buddhism and Buddhist art to Japan, and the growth of indigenous aesthetics and artistic practices. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ARTH 330. Museum Studies: Theory and Practice. 3 Hours.**

Introduction to the history of museums and the field of museum studies. Issues of theory and practice will be examined as they relate to the development, care, and use of museums and systemic collections, museum education, administration, exhibition development, and evaluation of visitor engagement.

**ARTH 411. Art Historiography. 3 Hours.**

An exploration of the theory and methodology of art history, intended to develop critical thinking skills, to further the student's ability to write persuasively about art, to develop research and bibliographic skills, and to cultivate an awareness of some of the approaches employed by historians of art, including biography, connoisseurship, style criticism, iconology, and feminist criticism. The test of Art Historical Proficiency will be administered as part of this course. A score of 70% or better is required for all Art History majors.

**Prerequisite:** ARTH 201 with a minimum grade of D or ARTH 202 with a minimum grade of D or ARTH 210 with a minimum grade of D or ARTH 220 with a minimum grade of D or ARTH 225 with a minimum grade of D or ARTH 241 with a minimum grade of D.

**ARTH 412. Gender & Art of the Early Modern Period. 3 Hours.**

This seminar examines gender as it relates both to the creation and study of early modern art. Historical gender norms are investigated in relation to the content, artists, viewers and patrons of art of the period c. 1480-1630. Alongside the visual investigation of artworks, students will read, discuss, and write about a body of interconnected primary and secondary sources and develop the skill of evaluating scholarly arguments.

**Prerequisite:** ARTH 201 with a minimum grade of D or ARTH 202 with a minimum grade of D or ARTH 210 with a minimum grade of D or ARTH 220 with a minimum grade of D or ARTH 225 with a minimum grade of D or ARTH 241 with a minimum grade of D.

**ARTH 415. Empires & Antiquities. 3 Hours.**

A seminar investigating the development of Asian and Islamic art history, with emphasis on the changing attitudes of Western culture and scholarship towards the arts of Asia and the Islamic world. Among major topics of the course are Orientalism, European colonialism, nationalism in the nineteenth and twentieth centuries, post-colonialism, and issues surrounding the presentation and collecting of objects from Asia and the Islamic world.

**Prerequisite:** ARTH 201 with a minimum grade of D or ARTH 202 with a minimum grade of D or ARTH 210 with a minimum grade of D or ARTH 220 with a minimum grade of D or ARTH 225 with a minimum grade of D or ARTH 241 with a minimum grade of D.

**ARTH 448. Senior Capstone in Art History. 3 Hours.**

An optional capstone experience for senior majors and minors, facilitating the synthesis of knowledge and skills encountered across the major program and the completion of an extended research project. Taught in seminar format, it is strongly recommended for students intending to pursue graduate study. Open only to seniors majoring or minoring in Art History.

**ARTH 470. Independent Study in Art History. 1 to 3 Hours.**

Study of a specific art historical topic under the direction of a faculty member in Art History. The readings, program of research, and written work to be undertaken by the student will be determined in consultation with the instructor.

**ARTH 480. Advanced Topics in Art History. 0 to 4 Hours.**

Offered periodically as announced. Recent topics have included: Vincent van Gogh and Rome: A City in History. Advanced standing required.

**ARTH 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

Students majoring in Art History may take and apply one of the following Converse College courses toward the completion of their major degree requirements:

- 306. 20th Century Art before 1945
- 309. 20th Century Art after 1945
- 315. Women and Art
- 404. American Art

**Studio Art (ARTS) <sup>1</sup>****ARTS 245. Introduction to Studio Art. 3 Hours.**

A mixed media course for beginning artists or more experienced artists who wish to improve their technical expertise while broadening knowledge and appreciation of style in historical and cultural context. Design, drawing, painting, printmaking, and sculpture may be explored through lecture, critique, visual aids, and hands-on projects.

**ARTS 247. Art and Earth: Materials & Methods. 3 Hours.**

In this course students explore the natural and synthetic sources of studio art materials in a variety of media with an eye toward understanding the environmental impact of their sourcing, use and disposal, as well as the materials' cultural and historical context. Students will make basic art materials and engage in studio art processes using these materials. Students will create original artworks during the studio instruction and in related assignments. Attention to artists working with natural or handmade materials will be a significant focus of this course.

**ARTS 250. Design Strategies. 3 Hours.**

A project-based course introduces students to fundamental aspects of visual research and design, and develops skills and knowledge applicable to a variety of formats and media through visual problem solving and critical analysis. The elements and principles of design and the designer's role in contemporary society are studied so that students will acquire a working knowledge of vocabulary and methodology useful in creating and critiquing works of art and design.

**ARTS 251. Drawing. 3 Hours.**

An introduction to the materials and techniques of drawing, including the use of charcoal, conte crayon, gouache, and pastel. Problems particular to the representation of space and mass, the handling of negative space, the use of the elements of value and texture, the representation of drapery, and the depiction of the human figure and still-life subjects will be addressed.

**ARTS 255. Digital Photography I. 3 Hours.**

An introduction to the basic techniques of camera use and computer processing of images towards the aim of creating successful photographs. Attention will be given to historical styles of photography and the work of noted photographers as models. Students will explore the genres of portrait, object, documentary, and nature photography. (A camera with full manual controls is required and the college has several that can be checked out by students who do not own one and wish to take the course.)

**ARTS 258. New Media I. 3 Hours.**

Explore lens-based and digital processes and techniques. Develop critical thinking and analytical skills within the medium of photography and video art emphasizing ideation, research, experimentation, and analysis. Experiment with seriality and narrative; portraiture and self-portraiture, appropriation, constructed image (pre- and post-digital photography), document / mockument, performance, and remix. (A camera with full manual controls is required and the college has several that can be checked out by students who do not own one and wish to take the course.)

**ARTS 260. Sculpture I. 3 Hours.**

An introductory course in fabricating three-dimensional artwork, focusing on creative interpretation of historical and contemporary sculptural questions. After demonstrations in a variety of approaches, such as mold-making and casting, woodworking, and installation art, students will create individual artworks responding to project prompts. Lectures and critiques inform a conceptual language for how works of art exist in relationship to space.



**ARTS 261. Ceramics I. 3 Hours.**

This is an introduction to hand building and wheel throwing pottery and the application of design basics, techniques, and processes relevant to the construction of clay forms.

**ARTS 262. 3D Digital Fabrication. 3 Hours.**

Fabricate artwork using 3D printers, CNC routers, or other digital tools. Investigate the relationship between digital and physical output, virtual environments, limitations of technology, and the history of digital fabrication. Technical demonstrations in digital sculpting will assist in translating ideas and concepts into digitally produced physical objects. Prior experience in 3D modeling or digital fabrication is not necessary, although comfort in learning new computer software is recommended.

**ARTS 280. Selected Topics in Studio Art. 1 to 4 Hours.**

Selected topics in Studio Art at the introductory or intermediate level.

**ARTS 351. Figure Drawing. 3 Hours.**

An introduction to the discipline of figure drawing for the intermediate-level artist. Drawing skills will be developed through close observation of the skeleton and the human figure, using the nude model. Studio problems to be addressed include the handling of line, value, and space, issues of proportion and perspective, and the use of various black-and-white media in the portrayal of the human figure.

**Prerequisite:** ARTS 245 with a minimum grade of D or ARTS 250 with a minimum grade of D or ARTS 251 with a minimum grade of D or ARTS 252 with a minimum grade of D or ARTS 255 with a minimum grade of D or ARTS 256 with a minimum grade of D.

**ARTS 352. Watercolor. 3 Hours.**

Students are introduced to the specialties of watercolor painting in this project-based studio class. Proper papers, brushes, and color media, as well as a variety of fundamental techniques are explored. Some understanding of the historical development of watercolor and study of watercolor masters is included.

**Prerequisite:** ARTS 245 with a minimum grade of D or ARTS 250 with a minimum grade of D or ARTS 251 with a minimum grade of D or ARTS 252 with a minimum grade of D or ARTS 255 with a minimum grade of D or ARTS 260 with a minimum grade of D.

**ARTS 353. Painting. 3 Hours.**

An introduction to the materials and techniques of painting, with emphasis on color theory, pictorial organization, the representation of space and mass, and critical reflection on technical, formal, and conceptual issues. Students will paint works of art in the subject categories of still-life, landscape, portraiture, and abstraction.

**Prerequisite:** ARTS 251 with a minimum grade of C.

**ARTS 355. Digital Photography II. 3 Hours.**

An advanced course in photographic image-making, focusing on manual operation of camera functions, image composition and the elements of visual form, and the use of Photoshop to optimize images in the digital darkroom. Each student must have a camera that will function in a manual operating mode.

**Prerequisite:** ARTS 245 with a minimum grade of D or ARTS 250 with a minimum grade of D or ARTS 251 with a minimum grade of D or ARTS 252 with a minimum grade of D or ARTS 255 with a minimum grade of D or ARTS 260 with a minimum grade of D.

**ARTS 356. Printmaking. 3 Hours.**

An exploration of four techniques of (non-toxic) printmaking, including relief printing, collography, carborundum printing, and screen printing. Students will complete a small edition of prints for each process; a final project will combine two or more processes.

**Prerequisite:** ARTS 245 with a minimum grade of D or ARTS 250 with a minimum grade of D or ARTS 251 with a minimum grade of D or ARTS 252 with a minimum grade of D or ARTS 255 with a minimum grade of D or ARTS 256 with a minimum grade of D or ARTS 260 with a minimum grade of D.

**ARTS 357. Installation Art. 3 Hours.**

Beginning with a study of the history of installation and site-specific art, students will design, build, and document (through photographs, video, writing, etc.) art projects intended to shape viewer experience of architectural or environmental sites. Students will be expected to participate actively in discussions about the implications of transforming public spaces, the social responsibility of the artist, and the role of art in the public domain. Incorporation of light, sound, or experimental approaches may be incorporated with more traditional media.

**Prerequisite:** ARTS 250 with a minimum grade of D or ARTS 251 with a minimum grade of D or ARTS 255 with a minimum grade of D or ARTS 260 with a minimum grade of D or ARTS 261 with a minimum grade of D or ARTS 280 with a minimum grade of D.

**ARTS 358. New Media II. 3 Hours.**

Gain advanced skills in digital and time-based processes and techniques focused on digital collage, animation, and non-linear editing. Explore collage and digital surface, time-based media, including video art and performance, while developing digital compositing and editing skills. Learn to be careful and sensitive viewers and makers of digital and screen-based works.

**Prerequisite:** ARTS 255 with a minimum grade of C or ARTS 258 with a minimum grade of C.

**ARTS 360. Sculpture II. 3 Hours.**

An advanced course in fabricating three-dimensional artwork, focusing on informed responses to sculptural issues such as materiality, space and place, the body, and process. Advanced demonstrations in mold-making and casting, additive and subtractive processes, and utilizing found objects will inform creative assignments. Students will be expected to develop artwork that showcases personal vision within open-ended assignment prompts.

**Prerequisite:** ARTS 260 with a minimum grade of D.

**ARTS 446. Portfolio Review. 1 Hour.**

An inter-media seminar course that focuses on portfolio development and presentation for practicing artists. Through group critiques and workshops, students will refine cumulative portfolios of past assignments.

**ARTS 447. Senior Studio I. 3 Hours.**

An inter-media seminar course focused on developing individual studio practice. Through studio visits, research, readings, and critiques, students will generate a body of work that reflects their own creative vision. This course is required for students majoring in Studio Art during the fall semester of their senior year.

**Prerequisite:** ARTS 446 with a minimum grade of D.

**ARTS 448. Senior Studio II. 3 Hours.**

Provides the opportunity for students to propose, create, and present a solo exhibition of original studio artwork. Designed for students completing the Studio Art concentration within the Art History major, this course culminates with the presentation of a body of work that synthesizes methods, techniques, and interests developed in Studio Art courses with material mastered in Art History course work. Permission of the instructor required.

**ARTS 456. Printmaking II. 3 Hours.**

An intermediate study of relief, intaglio, experimental, and combination printmaking processes within a contemporary studio art practice. Black/white and color printing will be further developed through hand-drawn and photo-based imagery. Portfolio-ready work will be created through the completion of projects emphasizing problem solving and individual development of visual language and conceptual content. Studio work, critique discussion, writing and research will be utilized to explore cultural, conceptual and historical issues relevant to contemporary printmaking. **Prerequisite:** ARTS 356 with a minimum grade of D.

**ARTS 470. Independent Study in Studio Art. 1 to 3 Hours.**

A study of a specific studio art topic under the direction of a faculty member in Studio Art. The readings, program of research, written work, and art making processes to be undertaken by the student will be determined in consultation with the instructor. Permission of instructor required.

**ARTS 480. Advanced Topics in Studio Art. 1 to 4 Hours.**

The study of selected topics at the advanced level. Permission of instructor required.

**ARTS 481. Advanced Topics: Painting II. 3 Hours.****ARTS 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

<sup>1</sup> All Studio Art courses have additional fees for supplies.

## Asian Studies Program (ASIA)

The program in Asian Studies provides students the opportunity to explore cultures and traditions in Asia, especially the regions of East, Himalayan, South, and Southeast Asia. The program's interdisciplinary curriculum builds upon strengths in various fields of study to offer diverse avenues of inquiry and investigative methods relevant to Asia. Specifically, students in the Asian Studies Program are encouraged to pursue interests across several disciplines, such as Anthropology, Art History, Government, History, Modern Languages, Philosophy, Religion, and Anthropology.

The program in Asian Studies is not a major. Courses applied toward requirements for this program may also be counted toward requirements that will satisfy other programs, majors, or minors. *Students pursuing the program in Asian Studies may NOT also minor in Chinese Studies.*

### Coordinator

David S. Efurud

The Asian Studies program offers two tracks, the culture track and the language and culture track. Both tracks require a minimum of 18 credit hours.

Subject to the approval of the Asian Studies Coordinator, coursework relevant to either Asian Studies tracks taken with an approved Study Abroad program may be applied to the program requirements.

## Requirements for the Program in Asian Studies, Culture Track

Course	Title	Hours
<b>Group A: Chinese Culture</b>		<b>6</b>
Select two courses from the following:		
ARTH 322	Art of China	
CHIN 304	Chinese Culture Through Film	
CHIN 306	Intercultural Communication Between East and West	
CHIN 307	Modern China	
CHIN 412	Chinese Literature in Translation	
INTL 362	China: Politics, Economy and Foreign Relations	
PHIL 333	Chinese Philosophy	
REL 332	Spirituality & Traditional Chinese Medicine	
<b>Group B: Art and History</b>		<b>6</b>
Select two courses from the following:		
ARTH 220	Survey of Asian Art History	
ARTH 225	Islamic Art	
ARTH 321	Art of South Asia	
ARTH 323	Art of Japan	
ARTH 415	Empires & Antiquities	
HIST 192	Modern East Asia	
<b>Group C: Anthropology, Philosophy, and Religion</b>		<b>6</b>
Select two courses from the following:		
ANTH 313	Cultures of Southeast Asia and Oceania	
PHIL 202	Asian Philosophy	
PHIL 335	Buddhist Philosophy	
REL 221	Introduction to Islam	
REL 222	Introduction to Confucianism	
REL 357	Buddhist Religious Traditions	
REL 358	Hindu Religious Traditions	
<b>Total Hours</b>		<b>18</b>

## Requirements for the Program in Asian Studies, Language Track

Course	Title	Hours
<b>Language Requirement</b>		<b>6</b>
Select two courses from the following:		
CHIN 101	Beginning Active Chinese	
CHIN 102	Beginning Active Chinese	
CHIN 201	Low Intermediate Chinese	
CHIN 202	Low Intermediate Chinese	
CHIN 301	High Intermediate Chinese	

CHIN 302	Low Advanced Chinese
CHIN 401	Advanced Chinese I
CHIN 402	Advanced Chinese II
<b>Group A: Chinese Culture</b>	<b>3</b>
Select one course from the following:	
ARTH 322	Art of China
CHIN 304	Chinese Culture Through Film
CHIN 306	Intercultural Communication Between East and West
CHIN 307	Modern China
CHIN 412	Chinese Literature in Translation
INTL 362	China: Politics, Economy and Foreign Relations
PHIL 333	Chinese Philosophy
REL 332	Spirituality & Traditional Chinese Medicine
<b>Group B: Art and History</b>	<b>3</b>
Select one course from the following:	
ARTH 220	Survey of Asian Art History
ARTH 225	Islamic Art
ARTH 321	Art of South Asia
ARTH 323	Art of Japan
ARTH 415	Empires & Antiquities
HIST 192	Modern East Asia
<b>Group C: Anthropology, Philosophy, and Religion</b>	<b>3</b>
Select one course from the following:	
ANTH 313	Cultures of Southeast Asia and Oceania
PHIL 202	Asian Philosophy
PHIL 335	Buddhist Philosophy
REL 221	Introduction to Islam
REL 222	Introduction to Confucianism
REL 357	Buddhist Religious Traditions
REL 358	Hindu Religious Traditions
<b>Elective</b>	<b>3</b>
Select one course from the following:	
ANTH 313	Cultures of Southeast Asia and Oceania
ARTH 220	Survey of Asian Art History
ARTH 225	Islamic Art
ARTH 321	Art of South Asia
ARTH 323	Art of Japan
ARTH 415	Empires & Antiquities
HIST 192	Modern East Asia
PHIL 202	Asian Philosophy
PHIL 335	Buddhist Philosophy
REL 221	Introduction to Islam
REL 357	Buddhist Religious Traditions
REL 358	Hindu Religious Traditions
<b>Total Hours</b>	<b>18</b>

With the approval of the Asian Studies Coordinator, students pursuing the language and culture track may substitute coursework in an Asian language other than Chinese when taken with an approved Study Abroad program.

## Biology (BIO)

The Department of Biology offers a major in Biology that emphasizes the development of scientific skills and competencies necessary for understanding living systems and critical analysis of scientific claims.

The six foundation courses introduce students to hypothesis testing, experimental design, data analysis and interpretation while investigating ecology, evolution, genetics, cell biology, and the chemical foundations of life. Throughout the major, students engage with current scientific literature and learn to communicate scientific information in written and oral formats.

The faculty value a liberal arts education and encourages our majors to pursue other academic interests, including study abroad and biology-linked programs listed below. Graduates will be well prepared to pursue a graduate or professional degree or seek a job in a biology-related field.

Students majoring in Biology are also eligible to complete the Program in Neuroscience or the Emphasis in Computational Science. The program in Neuroscience is an interdisciplinary examination of the nervous system and its regulation of behavior. It is administered by both the departments of Biology and Psychology. Many of the required courses will apply to both fields of study. A description of the Neuroscience (p. 119) program requirements can be found the *Catalog*. The Emphasis in Computational Science is an interdisciplinary field which applies computer science and mathematics to biology and other natural sciences. For requirements, see the Computational Science (p. 70) section of the *Catalog*.

## Honors Courses

The Department of Biology encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

## Chair

John F. Moeller

## Associate Chair

Stefanie H. Baker

## Professors

Lori Cruze  
 G. R. Davis, Jr.  
 Johnathan G. Davis  
 Stacey R. Hettes  
 David I. Kusher  
 Geoffrey C. Mitchell  
 Jeremy S. Morris  
 Robert E. Moss  
 Katherine H. Putney  
 Charles F. Smith  
 Natalie W. Spivey

Students planning to major in Biology should take BIO 150 Biological Inquiry (with lab), BIO 213 Introduction to Genetics & Molecular Biology, BIO 215 Introduction to Cellular Biology, BIO 216 Experimental Design, Analysis, and Communication, CHEM 123 General Chemistry I (with lab), and CHEM 124 General Chemistry II (with lab) prior to enrolling in an upper-level (300-level or higher) course. Typically, these courses should be completed in the first four semesters. The CHEM 123-124 sequence should be taken no later than the sophomore year,

and students in good standing are encouraged to start the sequence in the first year.

Majors will need a cumulative GPA of 2.00 or greater in the five foundational courses to enroll in upper-level courses. BIO 215 Introduction to Cellular Biology requires that students must have earned a 'C-' or better in BIO 213 Introduction to Genetics & Molecular Biology and have earned credit for CHEM 123 General Chemistry I (with lab). BIO 400 Evolutionary & Integrative Biology (with lab) must be taken in the junior or senior year. Majors are also encouraged to take coursework in statistics (MATH 140 Introduction to Statistics and/or BIO 241 Introduction to Biostatistics) as early as possible.

## Requirements for the Major in Biology

Course	Title	Hours
<b>Required Major Courses</b>		<b>25</b>
BIO 150	Biological Inquiry (with lab)	
CHEM 123	General Chemistry I (with lab)	
CHEM 124	General Chemistry II (with lab)	
BIO 213	Introduction to Genetics & Molecular Biology	
BIO 215	Introduction to Cellular Biology	
BIO 216	Experimental Design, Analysis, and Communication	
BIO 400	Evolutionary & Integrative Biology (with lab)	
<b>Ecology Elective <sup>1</sup></b>		<b>3</b>
BIO 281	Special Topics in Ecology	
BIO 305	Conservation Biology	
BIO 310	Seminar in Ecology	
BIO 313	Plants & Ecosystems	
BIO 314	Plant & Ecosystems (with lab)	
BIO 352	Research Methods & Communication, Ecology (with lab)	
BIO 370	Field Biology (with lab)	
BIO 372	Field Botany (with lab)	
BIO 382	Ecology (with lab)	
BIO 383	Ecotoxicology	
BIO 385	Marine Biology	
BIO 386	Freshwater Biology (with lab)	
BIO 481	Special Topics in Ecology	
BIO 497	Case Studies in Environmental Issues	
<b>Laboratory Electives</b>		<b>8</b>
Select two four-credit hour Biology (BIO) laboratory courses		
<b>General Electives</b>		<b>12</b>
Select four additional Biology (BIO) courses		
<b>Total Hours</b>		<b>48</b>

<sup>1</sup> The Ecology Elective course can apply to either the lab elective requirement or the general elective requirement. If the course is a 4-credit hour lab course, it will apply to the lab electives. Otherwise, it will apply to the general electives.

### BIO 103. Biology: Science in Context. 3 Hours.

Students will explore the features that make science an important way of understanding the natural world. This exploration will focus on science-based topics and issues important in our contemporary world.

### BIO 150. Biological Inquiry (with lab). 4 Hours.

Students in Biology 150 will advance their knowledge of biology (from the ecosystem level to the molecular level), learn and practice skills essential to biological inquiry, and integrate scientific ways of knowing into their development as liberally educated, engaged citizens. Individually and in teams, students will work with research organisms commonly used in the discipline, read the primary literature, and develop their observational and analytical, and quantitative (especially statistical) skills. Students will also develop oral and written communication skills through informal discussions, oral presentations, and written reports of their experimental work, which will benefit from the peer-review process.

### BIO 212. Introduction to Genetics & Molecular Biology (with lab). 4 Hours.

Study of heredity and the roles of DNA and other macromolecules in the function of cells and organisms. This course will focus on inheritance at biochemical, organismal, and population levels. The laboratory portion of this course includes classic genetic crosses using model organisms (e.g., fruit flies), molecular techniques to analyze DNA, and bioinformatic analysis of DNA sequences. Lab reports will be used to assess students' understanding of the laboratory exercises.

**Prerequisite:** BIO 150 with a minimum grade of D.

### BIO 213. Introduction to Genetics & Molecular Biology. 3 Hours.

Introduction to the biological processes that control the transmission and expression of genetic information with emphasis on the structure and function of nucleic acids. Students will study inheritance at the biochemical, organismal, and population levels.

**Prerequisite:** BIO 150 with a minimum grade of D.

### BIO 214. Introduction to Cellular Biology (with lab). 4 Hours.

Study of biochemical, metabolic, structural & functional aspects of cells & cellular systems. The lab consists of modules introducing quantitative and qualitative data collection techniques, open-ended research projects to test student-generated hypotheses, and written and/or oral scientific presentations. This course is typically taught only in the spring semesters.

**Prerequisite:** BIO 212 with a minimum grade of C- and CHEM 123 with a minimum grade of D.

### BIO 215. Introduction to Cellular Biology. 3 Hours.

Study of biochemical, metabolic, structural & functional aspects of cells & cellular systems.

**Prerequisite:** (BIO 212 with a minimum grade of C- or BIO 213 with a minimum grade of C-) and CHEM 123 with a minimum grade of D.

### BIO 216. Experimental Design, Analysis, and Communication. 3 Hours.

Focus will be on experimental design, analysis, and communication of biological research studies. Students will generate hypotheses based on observations and previously published studies and carry out experiments that allow them to practice standard laboratory, greenhouse, or field techniques used in biology.

**Prerequisite:** BIO 212 with a minimum grade of D or BIO 213 with a minimum grade of D.

**BIO 241. Introduction to Biostatistics. 3 Hours.**

General introduction to statistical procedures in the Biological Sciences.

Topics include: describing and displaying data, descriptive statistics, sampling distributions, experimental design, hypothesis testing, categorical data analysis, ANOVA, and linear regression analysis.

Students will use the statistical software package JMP to analyze data from studies in ecology, evolutionary biology, medicine and genetics.

**Prerequisite:** BIO 212 with a minimum grade of D or BIO 213 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 250. Introduction to Research. 0 to 4 Hours.**

Projects designed to introduce students to research and to critical reading of original research.

**BIO 275. Introduction to Bioinformatics. 3 Hours.**

An introduction to the basic computational methods used to analyze biological data with an emphasis on algorithms used in genomics. Other topics may include methods for storage, retrieval, analysis, and display of biological data.

**Prerequisite:** BIO 212 with a minimum grade of D or BIO 213 with a minimum grade of D.

**BIO 280. Selected Topics in Biology. 0 to 4 Hours.**

Selected topics in Biology at the introductory or intermediate level.

Courses with this designation are typically newly designed and are being explored for possible adoption as a regular addition to the curriculum.

**BIO 281. Special Topics in Ecology. 0 to 4 Hours.**

Selected topics in Ecology at the introductory or intermediate level. These courses are typically newly designed and are being explored for possible adoption as a regular addition to the curriculum.

**BIO 301. Medical Terminology. 1 Hour.**

This course is designed to fill the requirement of many "allied health" graduate schools for a course in medical terminology. This will be a guided self study. A chapter of the textbook will be assigned every day, and you will complete the reading and take a quiz at any time of the following day. You should expect to spend about an hour per day on this course.

**Prerequisite:** BIO 342 with a minimum grade of D.

**BIO 303. Introduction to Public Health. 3 Hours.**

Effective public health systems require the application of biological knowledge to prevent and treat disease and improve the health of communities. In this course students will study the disciplinary foundations of public health and epidemiology. Then, using real examples and cases involving infectious and chronic diseases, students will investigate the biological and social factors that affect the health of human communities from the local to global levels. This course is open to all majors, but students must have junior or senior standing.

**BIO 305. Conservation Biology. 3 Hours.**

This course will provide an introduction to the discipline of conservation biology. Topics covered will include patterns of biodiversity and extinction, threats to biodiversity, biological principles guiding conservation, and strategies for protecting and restoring biodiversity.

**Prerequisite:** BIO 212 with a minimum grade of D or BIO 213 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 309. Seminar in Evolutionary Biology. 3 Hours.**

Designed to refine and extend student fluency (both verbal and written) in evolutionary biology topics and techniques through critical reading and analysis of primary research articles.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 310. Seminar in Ecology. 3 Hours.**

This seminar is designed to refine and extend student fluency (both verbal and written) in ecological topics and techniques through the dissection and discussion of research papers.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 311. Seminar in Genetics and Genomics. 3 Hours.**

Designed to refine and extend student fluency (both verbal and written) in current genetics and genomics topics and techniques through critical reading and analysis of primary research articles.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 313. Plants & Ecosystems. 3 Hours.**

A study of plants and how they interact with their environment. Topics include interactions with both abiotic and biotic portions of their environment, with emphasis on biotic interactions. The study of these interactions include: plants and their pollinators, herbivores, mycorrhizal fungi, and an introduction to plant-plant interactions.

**Prerequisite:** BIO 216 with a minimum grade of D.

**BIO 314. Plant & Ecosystems (with lab). 4 Hours.**

Identical to BIO 313, but with a lab component. The lab provides the opportunity to conduct hands-on experience with the scientific method in the context of plant biology and ecology. Skills in question formation, experimental design, experimental execution, and documentation of the results will be developed.

**Prerequisite:** BIO 216 with a minimum grade of D.

**BIO 322. Biology of the Vertebrates. 3 Hours.**

An exploration of the biology, natural history and diversity of vertebrates, and the evolution of form and function within this group.

**Prerequisite:** BIO 212 with a minimum grade of D or BIO 213 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 323. Biology of the Vertebrates (with lab). 4 Hours.**

Identical to BIO 322, but with a lab component. The lab focuses on developing and conducting an original research project centered on vertebrate biology. Skills in preparing a primary literature review, producing a grant proposal, sound experimental design and data analysis will be developed. Students will conduct an original research project and prepare results for written and oral presentation.

**Prerequisite:** BIO 212 with a minimum grade of D or BIO 213 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 324. Microbiology (with lab). 4 Hours.**

Study of the biology of microorganisms, with emphasis on bacteria and viruses. Laboratory work includes techniques for handling, culturing and identifying bacteria, identification of unknown bacterial species and development of epidemiological models for the spread of infectious diseases.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 325. Comparative Reproductive Biology. 3 Hours.**

An examination of the biology of reproduction in a variety of animal species. Topics include: the evolution of sex, sex determination, female and male reproductive systems, fertilization, and early embryonic development. Additionally, current topics in the field including reproductive disorders and endocrine disrupting contaminants will be discussed. Topics will be covered using approaches from genetics, cell biology, anatomy, and physiology. Students will read primary literature, and analyze case studies and clinical scenarios.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 326. Comparative Reproductive Biology (with lab). 4 Hours.**

Identical to BIO 325, but with a laboratory component. Students will design and conduct a multi-week experiment.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 331. Developmental Biology. 3 Hours.**

Study of the biological mechanisms driving organismal development, the process by which complex organisms are formed from single cells. Includes a description of early embryonic development from fertilization through formation of the nervous system.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 332. Developmental Biology (with lab). 4 Hours.**

Identical to BIO 331, but with a lab component. The lab focuses on a research project in which students explore the recent literature and practice the laboratory techniques used in this field.

**Prerequisite:** BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D.

**BIO 333. Nutrition. 3 Hours.**

An integrated overview of nutrition to include the physiology of digestion and absorption, basic nutrients and their utilization, vitamins and minerals, additives, healthy diets and lifestyle, cultural and social influences on diet, weight control and life-cycle nutrition.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 342. Human Physiology (with lab). 4 Hours.**

Study of the concepts of physiological mechanisms responsible for maintaining homeostasis in humans, including: thermoregulation, neural and hormonal control systems, muscle function, cardiovascular function, and renal function. In lab, physiological data are collected and analyzed using a variety of methods. Case studies are also incorporated.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 344. Mammalian Histology (with lab). 4 Hours.**

Microscopic study of the cellular structure of tissues and organs. In lab, students examine prepared microscope slides while consulting their text-atlas before reviewing digital images of histological material.

**Prerequisite:** (BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D) and BIO 342 with a minimum grade of C.

**BIO 351. Research Methods & Communication, Neurobiology (with lab). 4 Hours.**

Projects designed to engage students in research methods, critical reading of the primary literature, and oral and written communication of original research in this topic area.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 352. Research Methods & Communication, Ecology (with lab). 4 Hours.**

Projects designed to engage students in research methods in critical reading of the primary literature, and in oral and written communication of original research in this topic area.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 353. Research Methods & Communication, Organismal Biology (with lab). 4 Hours.**

Projects designed to engage students in research methods, in critical reading of the primary literature, and in oral and written communication of original research in this topic area.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 354. Research Methods & Communication, Genetics & Genomics (with lab). 4 Hours.**

Projects designed to engage students in research methods, in critical reading of the primary literature, and in oral and written communication of original research in this topic area.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 355. Research Methods & Communications, Cell & Molecular Biology (with lab). 4 Hours.**

Projects designed to engage students in research methods, in critical reading of the primary literature, and in oral and written communication of original research in this topic area.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 356. Research Methods and Communication, Evolutionary Biology (with lab). 4 Hours.**

Projects designed to engage students in research methods, in critical reading of the primary literature, and in oral and written communication of original research in this topic area.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 360. Current Topics in Biology. 3 Hours.**

An in-depth examination of selected topics, considered from biological, historical, philosophical and sociopolitical perspectives. Possible topics include: human embryonic stem cell research, AIDS, the environment, eugenics and human genetics, human experimentation, teaching evolution, emerging viruses, psychotropic drugs, world population, international public health, and biological warfare.

**Prerequisite:** BIO 213 with a minimum grade of D.

**BIO 370. Field Biology (with lab). 4 Hours.**

Introduction to the identification and natural history of arthropods, animals and selected groups of non-vascular "plants," emphasizing the identification of specimens using dichotomous keys and other print/web resources. Labs are typically in the field practicing the skills to identify organism by sight recognition.

**Prerequisite:** BIO 213 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 372. Field Botany (with lab). 4 Hours.**

Introduction to the vascular plants and plant communities of South Carolina, including ecology and natural history, use of dichotomous keys in identification, and field recognition of plants and plant communities.

**Prerequisite:** BIO 150 with a minimum grade of D.

**BIO 382. Ecology (with lab). 4 Hours.**

Scientific study of the interactions that determine the distribution and abundance of living organisms. Topics include: ecological principles are at the level of the organism, the population, the community, and the ecosystem. Current research literature will be utilized.

**Prerequisite:** BIO 212 with a minimum grade of D or BIO 216 with a minimum grade of D.

**BIO 383. Ecotoxicology. 3 Hours.**

Examines the effect of environmental contaminants on individuals, populations, communities, and ecosystems, including how special interests influence toxicological issues facing the nation and world today and in the future.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 385. Marine Biology. 3 Hours.**

Examines the physical and biological components of marine ecosystems with an emphasis on the diversity of organisms and their ecological adaptations to the sea. Additionally, issues that significantly impact the environmental and ecological stability of ocean communities will be discussed.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 386. Freshwater Biology (with lab). 4 Hours.**

An exploration of the physical attributes and biological communities of freshwater ecosystems. Topics include how and why many freshwater systems may be over-exploited and ill-used and the subsequent impact on our water resources. Lab includes travel to explore local/regional streams and lakes.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 391. Animal Behavior. 3 Hours.**

An exploration of the diverse science of animal behavior. Topics will range from the ultimate evolutionary causes of behavior to the internal mechanisms (such as genes and hormones) that influence animals responding to complex, environmental factors.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 392. Animal Behavior (with lab). 4 Hours.**

Identical to BIO 391, but with a lab component. Students will apply the methods of ethology in field and laboratory settings and conduct an original research project centered on animal behavior.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 399. Evolution. 3 Hours.**

Introduction to the facts and theories of biological evolution. Topics include a historical overview, the evidence for evolution, adaptation and natural selection, the evolution of diversity, the fossil record, extinction, evo-devo, genomics, and evolutionary genetics.

**Prerequisite:** BIO 215 with a minimum grade of D.

**BIO 400. Evolutionary & Integrative Biology (with lab). 4 Hours.**

An advanced study of evolutionary biology and an exploration of complex biological questions and 21st century societal issues in biology from an integrative perspective.

**Prerequisite:** BIO 214 with a minimum grade of C- or (BIO 215 with a minimum grade of C- and BIO 216 with a minimum grade of C-).

**BIO 421. Human Genetics Seminar. 3 Hours.**

The study of genes and their function, concentrating on human genes and genetics.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 422. Human Genetics Seminar (with lab). 4 Hours.**

Identical to BIO 421, but with a lab component.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 423. Immunology. 3 Hours.**

A comprehensive introduction to the mechanisms of immune system function focusing on the mammalian immune system and utilizing case studies of immunological disorders.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 424. Immunology (with lab). 4 Hours.**

Identical to BIO 423, but with a lab component. Students will practice the research techniques used in this field.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 433. Cellular Biochemistry. 3 Hours.**

Study of the mechanisms of life on the cellular level. Topics may include cell metabolism, enzyme mechanisms and regulation, cell-cell communication, and errors of metabolism. Special attention will be focused on applications of biochemistry to health and disease.

**Prerequisite:** BIO 214 with a minimum grade of C- or BIO 215 with a minimum grade of C-.

**BIO 440. Comparative & Human Anatomy (with lab). 4 Hours.**

Study of vertebrate and human anatomy with an emphasis on form and function. Topics include the evolution of vertebrates, developmental processes, biomechanics, pathology, and current research. Lab includes model construction, extensive dissection, and comparative morphology of extant species.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 445. Neurobiology. 3 Hours.**

Study of the structure and function of the nervous system from subcellular to systems levels with emphasis on the experimental foundation of modern principles.

**Prerequisite:** BIO 214 with a minimum grade of C- or (BIO 215 with a minimum grade of C- and BIO 216 with a minimum grade of C-).

**BIO 446. Neurobiology (with lab). 4 Hours.**

Identical to Biology 445, but with a lab component. The lab includes cellular and physiological studies using fly larvae as a model system, comparative anatomical studies using sheep brain as a model, and student generated hypothesis testing in the areas of sensation and perception, learning, and /or cognition. Students also explore complimentary research in this field, and assessments include written and oral presentations of their work.

**Prerequisite:** BIO 214 with a minimum grade of C- or (BIO 215 with a minimum grade of C- and BIO 216 with a minimum grade of C-).

**BIO 447. Cellular Neurobiology. 3 Hours.**

Study of the structure and function of the nervous system emphasizing the subcellular, electrochemical, and signaling properties of neurons that establish the foundation for functional neural circuits and neuronal plasticity. This course places special emphasis on the experimental foundation of modern principles.

**Prerequisite:** BIO 214 with a minimum grade of C- or (BIO 215 with a minimum grade of C- and BIO 216 with a minimum grade of C-).

**BIO 448. Systems Neurobiology. 3 Hours.**

Study of the structure, function, and anatomical organization of neural circuits comprising the sensory and motor circuits of the nervous system with special emphasis on sensory/ motor integration leading to behavior and cognition. This course places special emphasis on the experimental foundation of modern principles.

**Prerequisite:** BIO 214 with a minimum grade of C- or (BIO 215 with a minimum grade of C- and BIO 216 with a minimum grade of C-).

**BIO 449. Cancer Biology. 3 Hours.**

This course addresses the fastest growing and changing field in biology and medicine today: Oncology. We will study the function of cancer cells in depth and learn about the advances in molecular biology, genomics, cell biology and immunology that are revolutionizing the clinical battle against the myriad forms of cancer.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 450. Research. 1 to 4 Hours.**

Original research in an area of student's interest.

**Prerequisite:** BIO 250 with a minimum grade of D.

**BIO 480. Advanced Topics in Biology. 0 to 4 Hours.**

Selected topics in Biology at the advanced level. Courses with this designation are typically newly designed and are being explored for possible adoption as a regular addition to the curriculum.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 481. Special Topics in Ecology. 4 Hours.**

Selected topics in Ecology at the advanced level. Courses with this designation are typically newly designed and are being explored for possible adoption as a regular addition to the curriculum.

**BIO 491. Case Studies In Human Disease. 3 Hours.**

A survey of all of the broad disease categories: genetic and congenital abnormalities, inflammatory/autoimmune diseases, environmentally linked diseases, forensic pathology, infectious disease, and neoplasia/ cancer. Discussion of case studies will be used to reinforce disease concepts.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 493. Case Studies in Public Health. 3 Hours.**

Using a case study format and self-directed learning, students in this course will consider important local, national, and international public health issues. Community and or campus service projects may be incorporated.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 495. Case Studies in Biomedicine. 3 Hours.**

Study of the biology of human disease through patient-oriented problem solving and self-directed learning under the guidance of a mentoring physician. Discussions of readings on medically related topics (e.g., art of diagnosis, impact of technology on medicine, mortality and medicine) and a patient-interview exercise complement the case studies sessions.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 497. Case Studies in Environmental Issues. 3 Hours.**

The course challenges students to consider environmental issues that confront us locally, nationally and globally. A case study format will be used to provide students with a practical approach to environmental problems. This course is open to all majors, but students must have junior or senior standing.

**BIO 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

## Chemistry (CHEM)

The Department of Chemistry offers a BA in Chemistry, a BA in Chemistry with a Concentration in Biochemistry and a BS in Chemistry.

The Bachelor of Arts degree provides students with a foundation in multiple areas of chemistry while permitting the freedom to explore other areas of interest. The problem solving emphasized in this preparation is particularly well suited for students interested in pursuing a career in business, education, law, medicine, and other health-related professions.

Students completing the concentration in biochemistry will be prepared for post-graduate study in chemistry, biochemistry, medicine, dentistry, pharmacy, biomedical research, or health-related professions.

The Bachelor of Science degree is an in-depth curriculum focused on preparing students for post-graduate work in chemistry and chemistry-related careers. With coursework from each of the traditional sub-disciplines of chemistry, students completing this degree will think critically about complex issues facing chemists from many facets.

Students majoring in chemistry may obtain an Emphasis in Computational Science (p. 70). The interdisciplinary field of Computational Science applies computer science and mathematics to chemistry and the other sciences. For requirements, see the Computer Science (p. 70) section of the *Catalog*.

## Honors Courses and Research

Students majoring in Chemistry are encouraged to participate in the honors programs and research opportunities available in the department. For further information, see CHEM 250 (<http://catalog.wofford.edu/search/?P=CHEM%20250>) Introduction to Research and CHEM 450



(<http://catalog.wofford.edu/search/?P=CHEM%20450>) Senior Research in the course descriptions and the section on Honors Courses (<http://catalog.wofford.edu/academics/academic-honors/honors-courses/>) in this *Catalog* or consult the department chair.

## Chair

Heidi E. Bostic (Fall 2022)  
Caleb A. Arrington (Spring 2023)

## Professors

Zachary S. Davis  
Robert J. Harris  
Jameica B. Hill  
Ramin Radfar  
Grace E. Schwartz  
T. Christopher Waidner

Students majoring in Chemistry who plan to do graduate work are strongly advised to take MATH 210 Multivariable Calculus. Pre-medical and pre-dental students must take at least three biology courses to meet admission requirements of most professional schools. Juniors and seniors are required to participate in departmental seminars.

## Requirements for the Bachelor of Arts with a Major in Chemistry

Course	Title	Hours
<b>Prerequisite Courses</b>		<b>14</b>
MATH 181	Calculus I	
MATH 182	Calculus II	
Select one of the following:		
PHY 121 & PHY 122	General Physics I (with lab) and General Physics II (with lab)	
PHY 141 & PHY 142	Physics for Science & Engineering I (with lab) and Physics for Science & Engineering II (with lab)	

Course	Title	Hours
<b>Required Major Courses</b>		<b>29</b>
CHEM 123	General Chemistry I (with lab)	
CHEM 124	General Chemistry II (with lab)	
CHEM 203	Organic Chemistry I (with lab)	
CHEM 204	Organic Chemistry II (with lab)	
CHEM 214	Introductory Analytical Chemistry (with lab)	
CHEM 309	Biochemistry (with lab)	
CHEM 313	Physical Chemistry I (with lab)	
CHEM 360	Chemical Information & Seminar	

### Chemistry Elective, 300-level 4

Select one of the following:

CHEM 308	Biotechnology (with lab)	
CHEM 314	Physical Chemistry II (with lab)	
CHEM 323	Inorganic Chemistry (with lab)	

### Chemistry Elective, 400-level 4

Select 4 credit hours from Chemistry (CHEM) at the 400-level

### Biology Elective 4

Select one 4 credit hour Biology (BIO) course (excluding BIO 104)

### Total Hours 41

## Requirements for the Bachelor of Arts with a Major in Chemistry and Concentration in Biochemistry

Course	Title	Hours
<b>Prerequisite Courses</b>		<b>14</b>
MATH 181	Calculus I	
MATH 182	Calculus II	
Select one of the following:		
PHY 121 & PHY 122	General Physics I (with lab) and General Physics II (with lab)	
PHY 141 & PHY 142	Physics for Science & Engineering I (with lab) and Physics for Science & Engineering II (with lab)	

Course	Title	Hours
<b>Required Major Courses</b>		<b>25</b>
CHEM 123	General Chemistry I (with lab)	
CHEM 124	General Chemistry II (with lab)	
CHEM 203	Organic Chemistry I (with lab)	
CHEM 204	Organic Chemistry II (with lab)	
CHEM 214	Introductory Analytical Chemistry (with lab)	
CHEM 313	Physical Chemistry I (with lab)	
CHEM 360	Chemical Information & Seminar	

### Biochemistry Concentration 17

CHEM 250	Introduction to Research	
CHEM 308	Biotechnology (with lab)	
CHEM 309	Biochemistry (with lab)	
CHEM 409	Advanced Biochemistry	
BIO 213	Introduction to Genetics & Molecular Biology	
BIO 215	Introduction to Cellular Biology	

### Biology Elective 4

Select one 4 credit hour Biology (BIO) course (excluding BIO 104)

### Total Hours 46

## Requirements for the Bachelor of Science with a Major in Chemistry

Course	Title	Hours
<b>Prerequisite Courses</b>		<b>14</b>
MATH 181	Calculus I	
MATH 182	Calculus II	
PHY 141 & PHY 142	Physics for Science & Engineering I (with lab) and Physics for Science & Engineering II (with lab)	

Course	Title	Hours
<b>Required Major Courses</b>		<b>33</b>
CHEM 123	General Chemistry I (with lab)	
CHEM 124	General Chemistry II (with lab)	
CHEM 203	Organic Chemistry I (with lab)	
CHEM 204	Organic Chemistry II (with lab)	
CHEM 214	Introductory Analytical Chemistry (with lab)	
CHEM 313	Physical Chemistry I (with lab)	
CHEM 314	Physical Chemistry II (with lab)	
CHEM 323	Inorganic Chemistry (with lab)	
CHEM 360	Chemical Information & Seminar	
<b>Chemistry Elective</b>		<b>4</b>
Select 4 credit hours from the following:		
CHEM 250	Introduction to Research	
CHEM 308	Biotechnology (with lab)	
CHEM 309	Biochemistry (with lab)	
CHEM 450	Senior Research	
<b>Chemistry Electives, 400-level</b>		<b>8</b>
Select 8 credit hours of 400-level Chemistry (CHEM) courses		
<b>Total Hours</b>		<b>45</b>

## Requirements for the Minor in Chemistry

The Chemistry minor requires the completion of 28 credit hours with at least 8 of those hours being at the 300-level or above.

Course	Title	Hours
<b>Required Minor Courses</b>		<b>20</b>
CHEM 123	General Chemistry I (with lab)	
CHEM 124	General Chemistry II (with lab)	
CHEM 203	Organic Chemistry I (with lab)	
CHEM 204	Organic Chemistry II (with lab)	
CHEM 214	Introductory Analytical Chemistry (with lab)	
or CHEM 224	Environmental Chemistry (with lab)	
<b>Electives</b>		<b>8</b>
Select 8 credit hours at the 300-level or above (except CHEM 360)		
<b>Total Hours</b>		<b>28</b>

### CHEM 103. Chemistry: Science in Context. 3 Hours.

Students will explore the features that make science an important way of understanding the natural world. This exploration will focus on science-based topics and issues important in our contemporary world.

### CHEM 104. Chemistry: Concepts & Methods (with lab). 4 Hours.

A study of topics selected to introduce students to basic concepts in chemistry and to the scientific method. Does not count toward a major in Chemistry.

### CHEM 123. General Chemistry I (with lab). 4 Hours.

A study of the nature of matter and the changes it undergoes from a molecular perspective. The first of a two-semester sequence, this course focuses on atomic structure, molecular bonding, reaction stoichiometry, energy related to chemical change, gases, and quantitative and proportional reasoning. The laboratory portion examines chemical techniques and measurements, laboratory safety, data collection, and interpretation of data using chemical and mathematical models.

### CHEM 124. General Chemistry II (with lab). 4 Hours.

The second of the two-semester sequence that continues the study of matter and the changes it undergoes. The focus is on chemical equilibrium, acid-based equilibria, phase equilibria, chemical kinetics, thermodynamics, electrochemistry, and quantitative reasoning. The laboratory portion examines chemical techniques and measurements, laboratory safety, data collection, and interpretation of data using chemical and mathematical models.

**Prerequisite:** CHEM 123 with a minimum grade of C.

### CHEM 203. Organic Chemistry I (with lab). 1 or 3 Hours.

A study of the major classes of organic compounds, with emphasis on structure and mechanisms. The lab portion will emphasize laboratory set-ups, distillation, extraction, recrystallization, chromatographic separations, and spectroscopic analysis (particular attention will be paid to simple IR and NMR analysis).

**Prerequisite:** CHEM 124 with a minimum grade of C.

### CHEM 204. Organic Chemistry II (with lab). 1 or 3 Hours.

A continuation of CHEM 203 in studying the major classes of organic compounds, with emphasis on structure and mechanisms. The lab portion will emphasize laboratory set-ups, distillation, extraction, recrystallization, chromatographic separations, and spectroscopic analysis (particular attention will be paid to simple IR and NMR analysis).

**Prerequisite:** CHEM 203 with a minimum grade of C.

### CHEM 214. Introductory Analytical Chemistry (with lab). 1 or 3 Hours.

Fundamental theories and techniques of quantitative chemical analysis. The lab portion focuses on the application of classical procedures for specific determinations. It includes volumetric, gravimetric, and common electroanalytical chemistry techniques.

**Prerequisite:** CHEM 124 with a minimum grade of C.

### CHEM 224. Environmental Chemistry (with lab). 1 or 3 Hours.

This course provides an introduction to aquatic, soil and atmospheric chemistry processes that effect local and global ecology, with an emphasis on the effects on humans.

**Prerequisite:** CHEM 124 with a minimum grade of C.

### CHEM 250. Introduction to Research. 1 Hour.

Elementary investigations in chemistry for students who wish to begin research early in their undergraduate studies. A student may earn a maximum of 4 semester hours in Chemistry 250.

**Prerequisite:** CHEM 124 with a minimum grade of C.

### CHEM 280. Selected Topics in Chemistry. 1 to 4 Hours.

Group or individual study of selected topics in chemistry at an intermediate level. Intended for non-chemists as well as students majoring in Chemistry. Specific topics vary with student interest and are announced one semester in advance.

**CHEM 308. Biotechnology (with lab). 1 or 3 Hours.**

This course is designed to provide knowledge and skills of biochemical processes and their application to industrial chemistry and microbiology. The lab exercises in this course have been selected to provide practical experience in biochemical processes and their application to industrial chemistry, microbiology, and use of microorganisms for biological synthesis.

**Prerequisite:** CHEM 204 with a minimum grade of D.

**CHEM 309. Biochemistry (with lab). 1 or 3 Hours.**

A rigorous introduction to modern biochemistry with an emphasis on the molecular basis of cellular structure and biological function. A thorough treatment of physicochemical properties of informational macromolecules is employed to provide a sound basis for the study of bioenergetics and metabolic organization. The lab exercises provide experience in protein chemistry and in chromatographic and electrophoretic separation, and emphasizes the basic principles of biochemistry.

**Prerequisite:** CHEM 204 with a minimum grade of D.

**CHEM 313. Physical Chemistry I (with lab). 1 or 3 Hours.**

A study of the laws and theories of thermodynamics applied to chemical systems presented from a modern perspective. Theories describe the behavior of energy, heat, work; entropy; reaction spontaneity and equilibrium; equations of state; and phase diagrams. The lab portion studies chemical kinetics using both modern experimental techniques and computer-aided calculations and simulations. Also emphasized is understanding the measurements of chemical reaction rates, from both theoretical and experimental perspectives, while focusing on methods for statistical treatment of experimental data.

**Prerequisite:** CHEM 214 with a minimum grade of D and (PHY 122 with a minimum grade of D or PHY 142 with a minimum grade of D) and MATH 182 with a minimum grade of D.

**CHEM 314. Physical Chemistry II (with lab). 1 or 3 Hours.**

An introduction to quantum chemistry focusing on the postulates and models of quantum mechanics as they apply to atoms and molecules. The laboratory engages in an experimental study of selected aspects of physical chemistry, with emphasis on experimentation relevant to the field of quantum chemistry. Topics include laser operation, optical spectroscopy, and quantum computational methods.

**Prerequisite:** MATH 182 with a minimum grade of D and CHEM 313 with a minimum grade of D and (PHY 142 with a minimum grade of D or PHY 122 with a minimum grade of D).

**CHEM 323. Inorganic Chemistry (with lab). 1 or 3 Hours.**

A survey of inorganic chemistry with emphasis on the periodicity of the elements and development of the modern theories of the relationships of chemical behavior and structure. This laboratory component focuses on the synthesis and characterization of organometallic, coordination, bioorganic, and solid state compounds, including inert atmosphere techniques, vibrational spectroscopy, NMR spectroscopy, and electrochemistry.

**Prerequisite:** CHEM 124 with a minimum grade of C.

**CHEM 360. Chemical Information & Seminar. 1 Hour.**

Both an introduction to the retrieval of information from on-line databases in chemistry and a seminar course discussing current topics in chemistry through the examination of the primary literature of chemistry in combination with seminars presented by outside speakers and students enrolled in the course. The goal of the course is to provide students with the tools, including the computer skills, necessary to conduct independent literature searches for courses and research and to also learn how to make effective computer-assisted presentations.

**Prerequisite:** CHEM 204 with a minimum grade of D.

**CHEM 361. Chemistry Seminar I. 1 Hour.**

A seminar course discussing current topics in chemistry through the examination of the primary literature of chemistry in combination with seminars presented by outside speakers and students enrolled in the course. This course is designed to be taken in the junior or senior year after the completion of General Chemistry, Organic Chemistry, and while enrolled in upper level chemistry courses.

**Prerequisite:** CHEM 204 with a minimum grade of D.

**CHEM 409. Advanced Biochemistry. 2 Hours.**

This course is designed to provide detailed and in-depth study of selected topics in biochemistry. The emphasis is to familiarize students with specific metabolic pathways and their regulations, hormones, nutrients, abnormal biochemical reactions in human disease and the theory and practice of X-ray crystallography as it applies to studying the 3D structure of macromolecules.

**Prerequisite:** CHEM 309 with a minimum grade of C.

**CHEM 411. Instrumental Analysis (with lab). 1 or 3 Hours.**

A study of the theories employed in analytical instrumentation. The application of instruments for methods in absorption and emission spectroscopy, gas chromatography, mass spectroscopy, radioisotopes, electrometric measurements, and separations will be emphasized. The lab is the practical application of instrumental procedures for specific determinations. It includes gas chromatography, mass spectroscopy, UV-Vis spectroscopy, IR spectroscopy, electrometric measurements, and thermal analysis.

**Prerequisite:** CHEM 214 with a minimum grade of C or CHEM 224 with a minimum grade of C.

**CHEM 420. Advanced Organic Chemistry Laboratory. 1 Hour.**

Utilize techniques to process organic chemical reactions and assess their progress and side reactions applying advanced analytical techniques.

This course is designed for students planning to pursue a career in industrial chemistry or an advanced degree in chemistry.

**Prerequisite:** CHEM 204 with a minimum grade of C.

**CHEM 421. Advanced Organic Chemistry: Reactions & Synthesis. 3 Hours.**

Advanced topics in synthetic organic chemistry. Topics include carbon-carbon bond forming reactions and functional group interchanges and their application to the synthesis of complex structures.

**Prerequisite:** CHEM 204 with a minimum grade of C.

**CHEM 422. Organic Spectroscopy. 2 or 3 Hours.**

Designed for students that wish to pursue a graduate degree in chemistry, topics will focus on spectroscopic techniques that are used in the field of organic chemistry, including learning the underlying quantum mechanical systems that describe energy levels in organic molecules and the mathematical description of light as it interacts with molecules.

**Prerequisite:** CHEM 204 with a minimum grade of C.

**CHEM 423. Advanced Organic Chemistry: Kinetics, Mechanisms & Heterocycles. 3 Hours.**

A survey of specific topics within organic chemistry. Topics include an introduction to the kinetics of organic reactions and how the application of kinetic studies relates to the elucidation of organic mechanisms. The fundamentals of organic mechanisms are then used as the foundation to introduce concepts in heterocyclic chemistry.

**Prerequisite:** CHEM 204 with a minimum grade of C.

**CHEM 425. Industrial Chemistry. 2 Hours.**

Designed for students that are pursuing a career in industrial chemistry, this course will teach students about scale-up techniques to take viable products from the laboratory scale to the industrial manufacturing scale. Students will visit local companies to learn about plant equipment and design.

**Prerequisite:** CHEM 204 with a minimum grade of C and (CHEM 421 with a minimum grade of D or CHEM 423 with a minimum grade of D).

**CHEM 427. Introduction to Polymer Chemistry. 2 Hours.**

An introductory study of polymers and their properties. Topics covered will include polymerization mechanisms, polymer syntheses, and the characterization and application of various polymers.

**Prerequisite:** CHEM 204 with a minimum grade of C.

**CHEM 450. Senior Research. 1 to 4 Hours.**

Guided original research in the field of a student's interest. Introduction to basic principles of library and laboratory research leading to a solution of the problem and a written report. A student may earn a maximum of four semester hours in Chemistry 450. Permission of instructor and Department Chair required.

**CHEM 480. Advanced Topics in Chemistry. 1 to 4 Hours.**

Group or individual study of special topics in chemistry at an advanced level. Topics vary with student interest, but are selected from an advanced area of analytical, organic, inorganic, physical, or biochemistry, and are announced one semester in advance.

**CHEM 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Chinese (CHIN)

Chinese is part of the Department of Modern Languages, Literatures, and Cultures. Chinese offers both a major and minor. For the major, students can choose to complete either the Chinese Culture Track or Chinese Language Track. The minor in Chinese Studies offers an interdisciplinary approach that provides students the opportunity to take courses from a diverse set of departments.

### Special Considerations

Students who directly enroll in and complete a 300-level Chinese language course with a grade of 'C' or higher may be awarded credit for 201 and 202 courses provided they have not previously earned any lower division credit in that particular language.

Students who earned/received credit for a higher level Chinese language course may not take or repeat a course at a lower level and receive credit for that course.

## Coordinator

Yongfang Zhang

## Professor

Li Qing Kinnison

In order to earn a major in Chinese, students must complete the required courses, either the Culture Track or the Language Track, and the study abroad requirement. The Chinese Major, Culture Track requires 31 credit hours while the Chinese Major, Language Track requires 33 credit hours. Students who complete CHIN 101 Beginning Active Chinese and CHIN 102 Beginning Active Chinese as first-year students are strongly encouraged to pursue the Language Track.

Students majoring in Chinese are required to complete a semester of study abroad in a country where the Chinese language is spoken, taking a majority of courses in Chinese in a program approved by the Coordinator. In rare instances, exceptions to this policy may be granted at the discretion of the faculty of the program through a waiver process administered by the Coordinator of the Chinese program.

## Requirements for the Chinese Major, Culture Track

Course	Title	Hours
<b>Required Major Courses</b>		<b>25</b>
CHIN 201	Low Intermediate Chinese	
CHIN 202	Low Intermediate Chinese	
CHIN 301	High Intermediate Chinese <sup>1</sup>	
CHIN 302	Low Advanced Chinese	
CHIN 304	Chinese Culture Through Film	
CHIN 306	Intercultural Communication Between East and West	
CHIN 307	Modern China	
<b>Electives <sup>2</sup></b>		<b>6</b>
Select 6 credit hours from the following:		
ANTH 313	Cultures of Southeast Asia and Oceania	
ARTH 220	Survey of Asian Art History	
ARTH 322	Art of China	
CHIN 412	Chinese Literature in Translation	
CHIN 470	Independent Study	
CHIN 480	Advanced Topics in Chinese	
HIST 192	Modern East Asia	
INTL 362	China: Politics, Economy and Foreign Relations	
PHIL 202	Asian Philosophy	
PHIL 333	Chinese Philosophy	
PHIL 335	Buddhist Philosophy	
REL 222	Introduction to Confucianism	
REL 332	Spirituality & Traditional Chinese Medicine	
REL 357	Buddhist Religious Traditions	
<b>Semester of Study Abroad</b>		
<b>Total Hours</b>		<b>31</b>

## Requirements for the Major in Chinese, Language Track

Course	Title	Hours
<b>Required Major Courses</b>		<b>24</b>
CHIN 201	Low Intermediate Chinese	
CHIN 202	Low Intermediate Chinese	
CHIN 301	High Intermediate Chinese <sup>1</sup>	
CHIN 302	Low Advanced Chinese	
CHIN 401	Advanced Chinese I	
CHIN 402	Advanced Chinese II	
<b>Culture Electives <sup>2</sup></b>		<b>9</b>
Select 9 credit hours from the following:		
ANTH 313	Cultures of Southeast Asia and Oceania	
ARTH 220	Survey of Asian Art History	
ARTH 322	Art of China	
CHIN 304	Chinese Culture Through Film	
CHIN 306	Intercultural Communication Between East and West	
CHIN 307	Modern China	
CHIN 412	Chinese Literature in Translation	
CHIN 470	Independent Study	
CHIN 480	Advanced Topics in Chinese	
HIST 192	Modern East Asia	
INTL 362	China: Politics, Economy and Foreign Relations	
PHIL 202	Asian Philosophy	
PHIL 333	Chinese Philosophy	
PHIL 335	Buddhist Philosophy	
REL 222	Introduction to Confucianism	
REL 332	Spirituality & Traditional Chinese Medicine	
REL 357	Buddhist Religious Traditions	
<b>Semester of Study Abroad</b>		
<b>Total Hours</b>		<b>33</b>

<sup>1</sup> Students must earn a grade of 'C' or higher in order to continue in the major.

<sup>2</sup> Or other course, as approved by the Chinese Language Coordinator, where the principal focus is Chinese or East Asian culture, history, religion, politics, philosophy, art history, etc.

## Requirements for Minor in Chinese Studies

The Minor in Chinese Studies consists of 17 credit hours. Students are encouraged to complete a semester of study abroad in China. *Students minoring in Chinese Studies may NOT also pursue the program in Asian Studies.*

Course	Title	Hours
<b>Required Courses</b>		<b>8</b>
CHIN 201	Low Intermediate Chinese	
CHIN 202	Low Intermediate Chinese	
<b>Approved Electives (select nine hours) <sup>1</sup></b>		<b>9</b>

ANTH 313	Cultures of Southeast Asia and Oceania	
ARTH 220	Survey of Asian Art History	
ARTH 322	Art of China	
CHIN 304	Chinese Culture Through Film	
CHIN 306	Intercultural Communication Between East and West	
CHIN 307	Modern China	
CHIN 412	Chinese Literature in Translation	
HIST 192	Modern East Asia	
INTL 362	China: Politics, Economy and Foreign Relations	
PHIL 202	Asian Philosophy	
PHIL 333	Chinese Philosophy	
PHIL 335	Buddhist Philosophy	
REL 222	Introduction to Confucianism	
REL 332	Spirituality & Traditional Chinese Medicine	
REL 357	Buddhist Religious Traditions	
<b>Total Hours</b>		<b>17</b>

<sup>1</sup> Or other course, as approved by the Chinese Language Coordinator, where the principal focus is Chinese or East Asian culture, history, religion, politics, philosophy, art history, etc.

### CHIN 101. Beginning Active Chinese. 4 Hours.

Students will develop good pronunciation in speaking Mandarin Chinese (putonghua or guoyu) to exchange information in simple but accurate Chinese on some basic topics (greetings, personal introductions, personal daily activities), to have a good command of some basic radicals as well as some commonly used Chinese characters.

### CHIN 102. Beginning Active Chinese. 4 Hours.

Students will continue to develop good pronunciation in speaking Mandarin Chinese (putonghua or guoyu). This includes the exchange information in simple but accurate Chinese (greetings, personal introductions, personal daily activities), to have a good command of some basic radicals as well as commonly used Chinese characters.

### CHIN 201. Low Intermediate Chinese. 4 Hours.

The intermediate level Chinese courses are to enhance command of the basic structures and vocabulary, to increase ability to communicate in Chinese both in speaking and writing, and to further develop interest in the Chinese language and culture.

**Prerequisite:** CHIN 102 with a minimum grade of C-.

### CHIN 202. Low Intermediate Chinese. 4 Hours.

The intermediate level Chinese courses are to enhance command of the basic structures and vocabulary, to increase ability to communicate in Chinese both in speaking and writing, and to further develop interest in the Chinese language and culture.

**Prerequisite:** CHIN 201 with a minimum grade of C-.

**CHIN 241. Language & Culture I. 1 Hour.**

Students may use appropriate programming available via the Wofford Cable Network as a language and culture classroom, electing the amount of viewing time they wish to undertake in a given semester: three viewing hours per week. Students meet with a faculty member for a weekly individual consultation, at which time they deliver a written summary of their viewing experiences. The courses may be repeated up to a maximum of four semester hours.

**Prerequisite:** CHIN 102 with a minimum grade of C-.

**CHIN 280. Selected Topics in Chinese. 1 to 4 Hours.**

The study of selected topics at the introductory or intermediate level in Chinese culture. Conducted in English; open to all students. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**CHIN 301. High Intermediate Chinese. 4 Hours.**

High Intermediate Chinese encourages students to increase their sophistication in reading and writing in Chinese in more formal styles. The course is conducted primarily in Chinese. Study materials include texts, web sources, and Chinese language television.

**Prerequisite:** CHIN 202 with a minimum grade of C-.

**CHIN 302. Low Advanced Chinese. 4 Hours.**

Low Advanced Chinese encourages students to continue to increase their sophistication in reading and writing in Chinese in more formal styles. The course is conducted primarily in Chinese. Study materials include texts, web sources, and Chinese language television.

**Prerequisite:** CHIN 301 with a minimum grade of C.

**CHIN 304. Chinese Culture Through Film. 3 Hours.**

Through careful study of cinematic text as mirror, students will learn to identify, understand, and analyze historical, social, political, and economic issues that have shaped China from its imperial period and into the 21st century. Topics include the family and tradition, the individual and society, past and present, man and nature, the change of cultural and social values, and woman's evolving role in society. All films have English subtitles. Successful completion of this course satisfies the Cultures & Peoples requirement for graduation.

**CHIN 306. Intercultural Communication Between East and West. 3 Hours.**

This course intends to help students understand the basic concepts and ideologies of the three major religions and philosophies in South East Asia, particularly in China, i.e. Confucianism, Daoism and Chinese Buddhism. Students will explore the close ties between these religions and philosophies as reflected in language and communication styles, and begin to understand different concepts of the 'self' (independent and relational) and 'face' in collectivism and individualism. Students will learn to anticipate, analyze and explain some of the causes of misunderstanding or miscommunication among the peoples from the West and East. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**CHIN 307. Modern China. 3 Hours.**

This course is intended to help students understand China's evolution from its imperial past into a modern present by examining the impact of the Opium War and other popular revolts of the late 19th and early 20th centuries, the social and cultural conflicts between western civilization and traditional Confucianism after 1911, and the rise of diverse political movements after the creation of the People's Republic of China in 1949. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**CHIN 401. Advanced Chinese I. 4 Hours.**

In this course, students will increase their sophistication in reading and writing in Chinese in more formal styles. The course will be conducted primarily in Chinese. Study materials include texts, web sources, and television. Students will learn basic techniques of written translation.

**Prerequisite:** CHIN 302 with a minimum grade of C.

**CHIN 402. Advanced Chinese II. 4 Hours.**

In this course, students will increase their sophistication in reading and writing in Chinese in more formal styles. The course will be conducted primarily in Chinese. Study materials include texts, web sources, and television. Students will learn basic techniques of written translation.

**Prerequisite:** CHIN 401 with a minimum grade of C.

**CHIN 412. Chinese Literature in Translation. 3 Hours.**

Students will read and learn to analyze from a cross-cultural perspective selected masterpieces of Chinese prose, poetry, and drama. Students will learn to appreciate the literary value of the selected works and to understand the historical, social, and cultural contexts of these works. The course is conducted in English and the focus of the course may vary (e.g. a particular period, a genre, or special topics) each time it is offered. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**CHIN 470. Independent Study. 1 to 4 Hours.**

A course in which the student pursues independently, under the guidance of a member of the department, a specific topic of interest. Permission of instructor required.

**CHIN 480. Advanced Topics in Chinese. 1 to 4 Hours.**

The study of selected topics at the advance level in Chinese culture. Conducted primarily in Chinese.

## Computer Science (COSC)

The department offers a major and a minor in Computer Science. Coursework is designed to help students acquire the knowledge, experience, and skills to use a computer as an effective tool for problem solving in a variety of areas. Students completing the major in Computer Science will be awarded the degree of Bachelor of Science.

The department also offers an Emphasis in Computational Science for students pursuing a BS in Biology, Chemistry, Computer Science, Environmental Studies, Mathematics, Physics or Psychology.

Computer Science majors are encouraged to satisfy the General Education science requirement by taking Chemistry 123, or Physics 121, or Physics 141. Those planning to pursue a graduate degree in Computer Science are encouraged to pursue a minor in Mathematics.

## Honors Courses

The Department of Computer Science encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

## Chair

Aaron L. Garrett

## Professors

Beau M. Christ

## Requirements for the Major in Computer Science

Course	Title	Hours
<b>Computer Science Courses</b>		<b>24</b>
COSC 235	Programming & Problem Solving <sup>1</sup>	
COSC 240	Discrete Structures	
COSC 273	Computer Organization & Architecture	
COSC 340	Theory of Computation	
or MATH 431	Abstract Algebra I	
COSC 350	Data Structures & Algorithms <sup>1</sup>	
COSC 351	Algorithm Design & Analysis	
COSC 360	Operating Systems	
COSC 410	Software Engineering	
<b>Computer Science Elective</b>		<b>9</b>
Select 9 credit hours of Computer Science (COSC) courses at the 300- or 400-level		
<b>Math Courses</b>		<b>6</b>
MATH 181	Calculus I	
MATH 140	Introduction to Statistics	
or MATH 182	Calculus II	
<b>Math Elective</b>		<b>3</b>
Select one additional course from the following:		
MATH 140	Introduction to Statistics	
MATH 182	Calculus II	
MATH/COSC 201	Modeling & Simulation	
<b>Ethics Course</b>		<b>3</b>
Select one of the following:		
PHIL 204	Introduction to Ethics	
PHIL 210	Bio-Medical Ethics	
PHIL 215	Environmental Ethics	
PHIL 218		
PHIL 311	Principles of Ethics	
<b>Total Hours</b>		<b>45</b>

<sup>1</sup> Students must complete COSC 235 and 350 with a grade of 'C' or higher.

## Requirements for the Minor in Computer Science

Course	Title	Hours
<b>Required Minor Courses</b>		<b>9</b>
COSC 235	Programming & Problem Solving <sup>1</sup>	
COSC 350	Data Structures & Algorithms <sup>1</sup>	
COSC 240	Discrete Structures (or MATH 235 or one COSC course at the 300- or 400-level)	
<b>General Electives</b>		<b>6</b>
Select two COSC courses at any level		
<b>Upper-Level Elective</b>		<b>3</b>
Select one COSC course at the 300- or 400-level		
<b>Total Hours</b>		<b>18</b>

<sup>1</sup> Students must complete COSC 235 and 350 with a grade of 'C' or higher.

## Emphasis in Computational Science

### Coordinator

Beau M. Christ

Computational Science, an interdisciplinary field at the intersection of science, computer science, and mathematics, combines simulation, visualization, mathematical modeling, programming, data structures, networking database design, symbolic computation, and high-performance computing with various scientific disciplines. Students who complete a major in Biology, Chemistry, Computer Science, Environmental Studies, Mathematics, Physics, or Psychology are eligible to obtain an Emphasis in Computational Science. Computer Science majors are also required to take eight credit hours (two courses) of a laboratory science at the 200-level or above.

## Requirements for the Emphasis in Computational Science

Course	Title	Hours
<b>Required Emphasis Courses</b>		<b>12</b>
MATH 181	Calculus I	
COSC/MATH 201	Modeling & Simulation	
COSC 235	Programming & Problem Solving <sup>1</sup>	
COSC 350	Data Structures & Algorithms <sup>1</sup>	
<b>Elective</b>		<b>3</b>
Select one of the following:		
BIO/COSC 275	Introduction to Bioinformatics	
COSC 365	High Performance Computing	
COSC 375	Data Science	
<b>Internship <sup>2</sup></b>		
<b>Total Hours</b>		<b>15</b>

<sup>1</sup> Students must complete COSC 235 and 350 with a grade of 'C' or higher.

<sup>2</sup> Students must also complete an internship, approved in advance by the coordinator, which involves computing in the sciences. Before the internship, the student must complete at least two of the required Computer Science courses and submit a resume to the coordinator. Interning full-time for 10 weeks, the student is expected to work well and have good attendance. After the internship, the student must submit a final report, present a talk on campus about the work, and have a positive evaluation from the internship supervisor. The coordinator of the Emphasis on Computational Science must approve all materials submitted at the end of the internship.

### COSC 115. Introduction to Web Authoring. 3 Hours.

An introduction to creating websites with a focus on client-side technologies. HTML, CSS, JavaScript, responsive layouts, and content management systems. No programming background is required.

**COSC 150. Scientific Investigations Using Computation (with lab). 4 Hours.**

With improved computational abilities and the explosion of the amount of scientific data, practicing scientists now routinely implement computation to test hypotheses and guide their research. Thus, joining theory and experiment, computation is the third major paradigm of science. Students in this course will explore important science concepts and using computation tools implement the scientific method to gain a better understanding of the natural world.

**COSC 201. Modeling & Simulation. 3 Hours.**

An introduction to modeling and simulation as part of the interdisciplinary field of computational science. Large, open-ended scientific problems often require the algorithms and techniques of discrete and continuous computational modeling and Monte Carlo simulation. Students learn fundamental concepts and implementation of algorithms in various scientific programming environments. Throughout, applications in the sciences are emphasized. Cross-listed with MATH 201.

**Prerequisite:** MATH 181 with a minimum grade of D.

**COSC 235. Programming & Problem Solving. 3 Hours.**

An introduction to computer programming and algorithmic thinking. Students learn how to solve computational problems and implement their solutions in a programming language. Completion of this course with a C or higher is a prerequisite for all 300- and 400- level courses in Computer Science.

**COSC 240. Discrete Structures. 3 Hours.**

A study of concepts foundational to computer science: sets, logic, the nature of proof, functions, algorithms, relations, lattices, and graphs.

**Prerequisite:** COSC 235 with a minimum grade of D and (MATH 140 with a minimum grade of D or MATH 160 with a minimum grade of D or MATH 181 with a minimum grade of D).

**COSC 270. Independent Study in Computer Science. 1 to 3 Hours.**

Independent study of selected topics in Computer Science at an intermediate level. It is intended for students who do not plan to major in Computer Science as well as for those who do. Specific topics vary from semester to semester. Permission of the instructor required.

**COSC 273. Computer Organization & Architecture. 3 Hours.**

An introduction to computer organization and principles of computer design. Topics include digital logic and digital systems, machine level representation of data, instruction sets, CPU implementation, memory system organization, I/O and communication, and assembly language programming.

**Prerequisite:** COSC 235 with a minimum grade of C.

**COSC 275. Introduction to Bioinformatics. 3 Hours.**

An introduction to the basic computational methods used to analyze biological data with an emphasis on algorithms used in genomics. Other topics may include methods for storage, retrieval, analysis, and display of biological data.

**Prerequisite:** BIO 212 with a minimum grade of D and COSC 235 with a minimum grade of D.

**COSC 280. Selected Topics in Computer Science. 1 to 4 Hours.**

A course in the study of selected topics in Computer Science at an intermediate level. It is intended for students who do not plan to major in Computer Science as well as for those who do. Specific topics vary from semester to semester. Permission of the instructor required.

**COSC 285. Selected Topics COSC. 3 Hours.**

Selected topics in Computer Science at the introductory or intermediate level.

**COSC 315. Computer Networks. 3 Hours.**

An introduction to computer networks including network architecture, communication protocols, algorithms, and network applications.

**Prerequisite:** COSC 350 with a minimum grade of D.

**COSC 320. Programming Languages. 3 Hours.**

A study of the concepts underlying high-level programming languages. Topics include variable binding, higher-order functions, closures, recursion, dynamic versus static typing, abstract types, and inheritance. A variety of programming language paradigms (procedural, functional, logical, object-oriented) are used to illustrate these concepts.

**Prerequisite:** COSC 350 with a minimum grade of C.

**COSC 330. Databases. 3 Hours.**

An introduction to database systems. Emphasis is placed on relational database modeling, integrity constraints, and query languages, with a focus on practical implementation and deployment of database solutions.

**Prerequisite:** COSC 350 with a minimum grade of C.

**COSC 335. Web Applications. 3 Hours.**

An introduction to the design and programming of web applications. Client-side scripting, website organization, responsive web design, server-side scripting, content management systems, web application frameworks, and security.

**Prerequisite:** COSC 350 with a minimum grade of C.

**COSC 340. Theory of Computation. 3 Hours.**

A study of formal models of computation such as finite state automata, push-down automata, context-free grammars, and Turing machines, along with the corresponding elements of formal languages. Other topics include computability, complexity, and NP-completeness.

**Prerequisite:** (COSC 240 with a minimum grade of D or MATH 260 with a minimum grade of D) and COSC 350 with a minimum grade of C.

**COSC 350. Data Structures & Algorithms. 3 Hours.**

An introduction to the fundamental data types of computing (including lists, stacks, queues, priority queues, sets, maps, trees, and graphs) and ways to implement them using arrays and linked structures. An introduction to algorithm analysis.

**Prerequisite:** COSC 235 with a minimum grade of C.

**COSC 351. Algorithm Design & Analysis. 3 Hours.**

A study of the design and analysis of algorithms for solving problems, including dynamic programming, divide-and-conquer algorithms, greedy algorithms, graph algorithms, and search algorithms. Evaluation of time-space trade-offs.

**Prerequisite:** (COSC 240 with a minimum grade of D or MATH 260 with a minimum grade of D) and COSC 350 with a minimum grade of C.

**COSC 360. Operating Systems. 3 Hours.**

A study of fundamental concepts applicable to a variety of operating systems. Topics include processes and threads, process coordination and synchronization, scheduling, interrupts, physical and virtual memory, device management, file systems, security and protection, communications, and networking.

**Prerequisite:** COSC 273 with a minimum grade of C and COSC 350 with a minimum grade of C.



**COSC 365. High Performance Computing. 3 Hours.**

An introduction to the concepts, tools, languages, and algorithms for solving complex problems on massively parallel and distributed computers. Topics include advanced computer architecture, performance and optimization, and the design, analysis, and implementation of applications using parallel programming languages and tools.

**Prerequisite:** COSC 273 with a minimum grade of C and COSC 350 with a minimum grade of C.

**COSC 375. Data Science. 3 Hours.**

A hands-on introduction to the field of Data Science with real-world applications. Topics include datasets, data visualization, interactive graphics, data wrangling, ethics, applied statistics, machine learning (supervised and unsupervised), databases, and big data. Students will also learn a programming language tailored for data analytics.

**Prerequisite:** COSC 235 with a minimum grade of C.

**COSC 410. Software Engineering. 3 Hours.**

A study of software engineering through the design and implementation of a significant software system. Emphasis is placed on professional practices such as testing, version control, code quality and documentation, and team process and interaction. Senior standing required.

**Prerequisite:** COSC 351 with a minimum grade of D.

**COSC 440. Artificial Intelligence. 3 Hours.**

Introduction to areas of artificial intelligence: intelligent agents, problem solving and search, planning, knowledge-based systems and inference, and learning.

**Prerequisite:** COSC 350 with a minimum grade of D.

**COSC 460. Computer & Network Security. 3 Hours.**

An introduction to computer security fundamentals: confidentiality, integrity, availability, authentication, and access control. Ethical hacking. Secret key and public key cryptography, network security protocols, and malware.

**Prerequisite:** COSC 350 with a minimum grade of D.

**COSC 470. Advanced Independent Study in Computer Science. 1 to 4 Hours.**

Independent study of selected topics in Computer Science at an advanced level. Specific topics vary from semester to semester. Permission of the instructor required.

**COSC 480. Advanced Topics in Computer Science. 1 to 4 Hours.**

A study of selected topics in Computer Science at an advanced level. Specific topics vary from semester to semester. Permission of the instructor required.

## Data Science

### Program in Data Science

The Program in Data Science offers students an interdisciplinary approach to the study of data and data analytics toward the goal of transforming the data to understanding. It bridges the fields of science, computer science, mathematics, statistics, and a domain area of choice.

Students get the opportunity to learn and use the latest tools and technologies in statistics and machine learning, while also learning to effectively communicate their results to the world. The program concludes with an internship or research experience in data science.

While not a major, courses applied toward the requirements for the

data science program may also be counted toward requirements in other majors or minors.

## Coordinators

Jennifer L. Bradham, Environmental Studies

Beau M. Christ, Computer Science

As an interdisciplinary program, students must complete two computer science courses, two math courses, and an additional course in the knowledge domain they are pursuing. The program culminates in an internship or research experience related to data science.

## Requirements for the Program in Data Science

Course	Title	Hours
<b>Computing Fundamentals</b>		<b>3</b>
COSC 235	Programming & Problem Solving <sup>1</sup>	
<b>Mathematical Fundamentals</b>		<b>6</b>
MATH 181	Calculus I	
MATH 221	Statistical Methods I	
<b>Data Science Fundamentals</b>		<b>3</b>
COSC 375	Data Science	
<b>Domain Knowledge</b>		<b>3 to 4</b>
ACCT 412	Auditing	
ECO 435	Econometrics	
ENVS 336	Climate Change (with lab)	
ENVS 338	Terrestrial Ecology (with lab)	
ENVS 340	Quantitative Environmental Methods & Models (with lab)	
FIN 411	Investments	
FIN 450	Corporate Financial Analysis	
<b>Data Science Practicum <sup>2</sup></b>		
<b>Total Hours</b>		<b>15-16</b>

<sup>1</sup> Students must complete COSC 235 with a grade of 'C' or higher.

<sup>2</sup> Students must also complete an internship or significant research project involving data science and approved in advance by the program coordinator. The student must submit a final report and present a talk on campus summarizing the internship or findings of the research project

## Economics (ECO)

The Department of Economics offers two majors, one in Economics and one in Business Economics. For either major, students have a choice of earning the Bachelor of Art (BA) degree or the Bachelor of Science (BS) degree. The BA in both majors provides students with the flexibility to tailor the major to their specific interests, whether qualitative or quantitative. The BA option is appropriate for students wishing to apply to law school, MBA programs, or entering the workforce in the private or public sectors. The BS in both majors requires significant quantitative work both within and outside the Economics Department.

Students planning to attend graduate school in economics or other quantitative disciplines or those interested in working in quantitative fields will be well-served by the BS.

Students may major in Economics and Accounting or Finance. However, they may NOT major in both Business Economics and any one of the following: Accounting, Economics, or Finance. The minor in Business is NOT available to students majoring in Business Economics.

## Honors Courses

The Department of Economics encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

## Chair

Timothy A. Bersak

## Professors

Katerina Andrews  
John K. Fort  
John R. McArthur  
Timothy D. Terrell  
Zhe Yang

## Requirements for the Bachelor of Arts with a Major in Economics

Course	Title	Hours
<b>Prerequisites</b> <sup>1</sup>		
MATH 140 or MATH 221 or ECO 380	Introduction to Statistics Statistical Methods I Quantitative Critical Thinking	
MATH 181	Calculus I	
<b>Required Major Courses</b>		<b>16</b>
ECO 201	Principles of Microeconomics <sup>2</sup>	
ECO 202	Principles of Macroeconomics <sup>2</sup>	
ECO 301	Intermediate Microeconomic Theory	
ECO 302 or ECO 322	Intermediate Macroeconomic Theory Money and Banking	
ECO 450	Senior Seminar	
<b>Writing Intensive Electives</b>		<b>6</b>
Select two courses from the following:		
ECO 310	Economics of Immigration	
ECO 311	Economic History of the United States	
ECO 332	Law and Economics	
ECO 334	Economics of Property Rights	
ECO 338	Water: Law, Economics and Policy	
ECO 340	Economics of Medical Care	
ECO 344	Education & Inequality: A Socio-Economic Perspective	
ECO 374	Due Process	
ECO 412	Public Finance	
ECO 421	Economics of Regulation	
ECO 441	Comparative Economic Systems	
ECO 460	Labor Economics	
<b>Upper-Level Electives</b>		<b>9</b>

Select 9 additional credit hours in Economics (ECO) at the 300- or 400-level

**Total Hours** **31**

## Requirements for the Bachelor of Science with a Major in Economics

Course	Title	Hours
<b>Pre-requisites</b>		
MATH 140 or MATH 221 or ECO 380	Introduction to Statistics <sup>1</sup> Statistical Methods I Quantitative Critical Thinking	
MATH 181	Calculus I	
<b>Co-requisites</b>		<b>6</b>
Select 2 courses from the following:		
MATH 182		
MATH 200-level course or higher		
COSC 200-level course or higher		
<b>Required Major Courses</b>		<b>19</b>
ECO 201	Principles of Microeconomics <sup>2</sup>	
ECO 202	Principles of Macroeconomics <sup>2</sup>	
ECO 301	Intermediate Microeconomic Theory	
ECO 302 or ECO 322	Intermediate Macroeconomic Theory Money and Banking	
ECO 435	Econometrics	
ECO 450	Senior Seminar	
<b>Writing Intensive Electives</b>		<b>6</b>
Select two courses from the following:		
ECO 310	Economics of Immigration	
ECO 311	Economic History of the United States	
ECO 332	Law and Economics	
ECO 334	Economics of Property Rights	
ECO 338	Water: Law, Economics and Policy	
ECO 340	Economics of Medical Care	
ECO 344	Education & Inequality: A Socio-Economic Perspective	
ECO 374	Due Process	
ECO 412	Public Finance	
ECO 421	Economics of Regulation	
ECO 441	Comparative Economic Systems	
ECO 460	Labor Economics	
<b>Electives</b>		<b>9</b>
Select 9 additional credit hours in Economics (ECO) at the 300- or 400-level or MATH 424		
<b>Total Hours</b>		<b>40</b>

## Requirements for Bachelor of Arts with a Major in Business Economics

Course	Title	Hours
<b>Prerequisites</b> <sup>1</sup>		
MATH 140 or MATH 221 or ECO 380	Introduction to Statistics Statistical Methods I Quantitative Critical Thinking	

MATH 181	Calculus I	
<b>Required Major Courses</b>		<b>28</b>
ECO 201	Principles of Microeconomics <sup>2</sup>	
ECO 202	Principles of Macroeconomics <sup>2</sup>	
ECO 301	Intermediate Microeconomic Theory	
ECO 302	Intermediate Macroeconomic Theory or ECO 322 Money and Banking	
ECO 372	Business Law	
ECO 450	Senior Seminar	
ACCT 211	Accounting Principles	
ACCT 341	Cost Accounting I	
FIN 321	Business Finance	
<b>Writing Intensive Elective</b>		<b>3</b>
Select one course from the following:		
ECO 310	Economics of Immigration	
ECO 311	Economic History of the United States	
ECO 332	Law and Economics	
ECO 334	Economics of Property Rights	
ECO 338	Water: Law, Economics and Policy	
ECO 340	Economics of Medical Care	
ECO 344	Education & Inequality: A Socio-Economic Perspective	
ECO 374	Due Process	
ECO 412	Public Finance	
ECO 421	Economics of Regulation	
ECO 441	Comparative Economic Systems	
ECO 460	Labor Economics	
<b>Business Elective</b>		<b>3</b>
Select one Business (BUS) course at the 300-level		
<b>Economics Elective</b>		<b>3</b>
Select one additional Economics (ECO) course at the 300-or 400-level		
<b>Total Hours</b>		<b>37</b>

## Requirements for the Bachelor of Science with a Major in Business Economics

Course	Title	Hours
<b>Pre-requisites <sup>1</sup></b>		
MATH 140	Introduction to Statistics	
or MATH 221	Statistical Methods I	
or ECO 380	Quantitative Critical Thinking	
MATH 181	Calculus I	
<b>Co-requisites</b>		<b>6</b>
Select 2 courses from the following:		
MATH 182		
MATH 200-level course or higher		
COSC 200-level course or higher		
ECO 300-level course or higher		
<b>Required Major Courses</b>		<b>31</b>
ECO 201	Principles of Microeconomics <sup>2</sup>	
ECO 202	Principles of Macroeconomics <sup>2</sup>	

ECO 301	Intermediate Microeconomic Theory	
ECO 302	Intermediate Macroeconomic Theory or ECO 322 Money and Banking	
ECO 372	Business Law	
ECO 435	Econometrics	
ECO 450	Senior Seminar	
ACCT 211	Accounting Principles	
ACCT 341	Cost Accounting I	
FIN 321	Business Finance	
<b>Writing Intensive Elective</b>		<b>3</b>
Select one course from the following:		
ECO 310	Economics of Immigration	
ECO 311	Economic History of the United States	
ECO 332	Law and Economics	
ECO 334	Economics of Property Rights	
ECO 338	Water: Law, Economics and Policy	
ECO 340	Economics of Medical Care	
ECO 344	Education & Inequality: A Socio-Economic Perspective	
ECO 374	Due Process	
ECO 412	Public Finance	
ECO 421	Economics of Regulation	
ECO 441	Comparative Economic Systems	
ECO 460	Labor Economics	
<b>Business Elective</b>		<b>3</b>
Select one Business (BUS) course at the 300-level		
<b>Economics Elective</b>		<b>3</b>
Select one Economics (ECO) course at the 300- or 400-level		
<b>Total Hours</b>		<b>46</b>

<sup>1</sup> Students who twice fail a pre-requisite (Math 140, MATH 160 or 181), may appeal for exemption from that pre-requisite. The request must be submitted before the end of the add/drop period of the subsequent semester in which the course was completed. The faculty of the Economics Department will review the appeal. The faculty's decision is final.

<sup>2</sup> Students must earn a grade of 'C-' or higher in ECO 201 and 202 for both the Economics and Business Economics majors.

## Requirements for the Minor in Economics

The minor in Economics is not available to students majoring in Business Economics.

Course	Title	Hours
<b>Introductory Courses</b>		
ECO 201	Principles of Microeconomics <sup>1</sup>	
ECO 202	Principles of Macroeconomics <sup>1</sup>	
<b>Intermediate Course</b>		<b>3</b>
Select one course from the following:		
ECO 301	Intermediate Microeconomic Theory	
ECO 302	Intermediate Macroeconomic Theory	
ECO 322	Money and Banking	

<b>Electives</b>	<b>6</b>
Two additional Economics (ECO) courses at the 300- or 400- level or MATH 424	
<b>Total Hours</b>	<b>15</b>

<sup>1</sup> ECO 201 and 202 must be completed with a grade of 'C-' or higher.

**ECO 201. Principles of Microeconomics. 3 Hours.**

An introduction to the economic way of thinking and a study of market processes.

**ECO 202. Principles of Macroeconomics. 3 Hours.**

An introductory course in the economic analysis of the determination of income, employment and inflation. It is recommended that Economics 201 be completed with a grade of C-minus or higher before attempting 202.

**ECO 280. Selected Topics in Economics. 1 to 4 Hours.**

Selected topics in Economics at the introductory or intermediate level.

**ECO 301. Intermediate Microeconomic Theory. 3 Hours.**

An intermediate-level course in the economic analysis of market processes.

**Prerequisite:** ECO 201 with a minimum grade of C- and (MATH 160 with a minimum grade of D or MATH 181 with a minimum grade of D).

**ECO 302. Intermediate Macroeconomic Theory. 3 Hours.**

An intermediate-level course in the economic analysis of the determination of income, employment, and inflation.

**Prerequisite:** ECO 201 with a minimum grade of C- and ECO 202 with a minimum grade of C-.

**ECO 310. Economics of Immigration. 3 Hours.**

The study the recent patterns of migration to Europe from Middle Eastern and North African countries. Economic theory and tools will be used to assess the economic, demographic, fiscal and labor market effects immigrants and refugees are having on the receiving countries. Theory and evidence on immigrants' and refugees' economic and social adaptation to their host countries will be analyzed. Successful completion of this course satisfies the Cultures & Peoples requirement for graduation. Writing intensive.

**ECO 311. Economic History of the United States. 3 Hours.**

A historical treatment of the economic development of America from colonial times to the present. Writing intensive.

**Prerequisite:** ECO 201 with a minimum grade of C- and ECO 202 with a minimum grade of C-.

**ECO 322. Money and Banking. 3 Hours.**

A study of the relationship between money and the level of economic activity, commercial and central banking, credit control under the Federal Reserve System, and the theory and objectives of monetary policy.

**Prerequisite:** ECO 201 with a minimum grade of C- and ECO 202 with a minimum grade of C-.

**ECO 332. Law and Economics. 3 Hours.**

An economic analysis of Anglo-American legal institutions with emphasis on the economic function of the law of property, contract, and torts.

Writing Intensive.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 333. Environmental Economics. 3 Hours.**

The application of economic principles to explain the existence of environmental problems and to evaluate proposals for improving environmental amenities.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 334. Economics of Property Rights. 3 Hours.**

A study of private property rights, communal property, and open access resources from both an economic and legal perspective. Writing intensive.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 336. Economics of Native Americans. 3 Hours.**

A study of how American Indian institutions were shaped by their culture, traditions, environment, and changes in technology. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 338. Water: Law, Economics and Policy. 3 Hours.**

A study of the various political, legal and social institutions involved in mediating conflicting desires for water resources. Writing Intensive.

**ECO 340. Economics of Medical Care. 3 Hours.**

The application of economic theory to study the delivery of medical services in a managed care environment. Transactions between patients, medical care providers and third party payers will be examined to show how profits are made, costs are covered, and contracts are written. Writing intensive.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 341. Economics of Uncertainty & Information. 3 Hours.**

This course applies mathematical tools to microeconomic settings with uncertainty over outcomes or strategic interactions with asymmetric information. Specific applications will include, but are not limited to, insurance, financial markets, and the markets for health care and insurance.

**Prerequisite:** ECO 201 with a minimum grade of C- and (MATH 140 with a minimum grade of D or ECO 380 with a minimum grade of D) and (MATH 160 with a minimum grade of D or MATH 181 with a minimum grade of D).

**ECO 342. Economics of Public Policy. 3 Hours.**

Application of economic principles to determine the trade-offs, the direct and indirect effects, and the consequences-both intended and unintended-of public policies.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 344. Education & Inequality: A Socio-Economic Perspective. 3 Hours.**

A study of income inequality in the United States, the economics of education, and the relationship between education and income distributions. Writing intensive.

**Prerequisite:** ECO 201 with a minimum grade of D.

**ECO 345. Economics of Crime. 3 Hours.**

An overview of how economic theory can be applied to analyze the dynamics of criminal activities. Students will learn how to use economics to examine the costs of crime, the behavior of criminals and potential criminals, the markets for criminal behavior and the goods and services that are produced in them, organized crime v. disorganized crime, and the public policies aimed at dealing with crime. Current issues that will be discussed include: the death penalty, gun control, and the legalization of criminal activities such as drug use, prostitution and gambling.

**Prerequisite:** ECO 201 with a minimum grade of D.

**ECO 350. Behavioral Economics. 3 Hours.**

A theoretical and empirical analysis of the connection between economics and other behavioral sciences, usually with the use of laboratory and field experiments. The course is divided into two parts:

1) Individual Decision- Making, and 2) Behavioral Game Theory.

Applications range from analysis of self-control problems to the consequences of social preferences and cognitive limitations.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 362. Sports Economics. 3 Hours.**

This course offers an introduction to the application of economic theory and statistics to issues that arise in both professional and amateur sports. Some of the topics that will be covered in class are: competitive balance, the organization of teams, cooperative and competitive behavior, doping, statistical and psychological biases in sports, the market for franchises, sale and resale of tickets, and strategic behavior.

**Prerequisite:** ECO 201 with a minimum grade of D.

**ECO 372. Business Law. 3 Hours.**

A study of the contracts, uniform commercial code, and the legal environment of business.

**ECO 374. Due Process. 3 Hours.**

This course is designed to give the student an understanding of the legal concept of due process and how it has changed views of fairness in everyday life. Using the historical/legal background of due process, the student will apply those concepts to other situations and systems. Writing Intensive.

**Prerequisite:** ECO 372 with a minimum grade of D.

**ECO 380. Quantitative Critical Thinking. 3 Hours.**

This course discusses concepts from mathematics, statistics, economics, and psychology that are fundamental to the practice of quantitative critical thinking. The class focuses on the development of skills that contribute to the correct interpretation of quantitative arguments and facts that are frequently observed in our daily lives, and on quantitative results that tend to be counterintuitive to most people. Some of the topics discussed in this course are: measures of central tendency, probability theory, empirical methods in science, statistical significance and its limitations, and psychological biases associated with quantitative reasoning.

**ECO 390. Business in the Global Economy. 3 Hours.**

Employing the theory of the firm as the unifying theme, we discuss theories and concepts relevant to managing multinational corporations (MNCs). The nature of the global economy, more integrated, more prone to financial/economic crises, and more favorable for international business, is an integral part of the discussion. Through extensive review of case studies, MNCs emerge as driving forces of globalization.

**Prerequisite:** ECO 201 with a minimum grade of C and ECO 202 with a minimum grade of C.

**ECO 402. International Macroeconomics. 3 Hours.**

Survey of the forces that shape the U.S. international balance of payments. Impact of U.S. growth and U.S. inflation on domestic and foreign interest rates, imports, exports, the dollar's value in relation to foreign currencies, and the net flow of capital between the U.S. and other countries. Offered in the spring of even-numbered years.

**Prerequisite:** ECO 302 with a minimum grade of D.

**ECO 410. International Economics. 3 Hours.**

Studies the impact of specialization and exchange on human well-being; evaluates the winners and losers when the U.S. raises or reduces its tariffs; examines the broader sociopolitical debate over globalization, especially the conflicting perspectives on the effects of international trade on child labor and the fabric of so-called 'Third-World' cultures. Offered in the spring of odd-numbered years.

**Prerequisite:** ECO 301 with a minimum grade of D.

**ECO 412. Public Finance. 3 Hours.**

A theoretical and institutional analysis of government expenditure, taxation, and debt, including economic analysis of government decision making and the distributional effects of alternative tax and subsidy techniques. Writing Intensive.

**Prerequisite:** ECO 301 with a minimum grade of D.

**ECO 421. Economics of Regulation. 3 Hours.**

Economic tools are used to study the formation and impact of federal, state, and local regulations, including rules on industrial structure, prices, labor, consumer products, health, and the environment. Writing Intensive.

**Prerequisite:** ECO 301 with a minimum grade of D.

**ECO 422. Game Theory. 3 Hours.**

This course is an analytical tool to model strategic interactions that is widely used in economics, political science, biology, sociology, and psychology. The course is intended to provide an introduction to the main concepts and techniques of the field, and use them to investigate relevant economic phenomena, such as bargaining, auctions, the "prisoner's dilemma", the "tragedy of the commons", tacit collusion, competition among firms, and strategic interactions in labor, credit, and product markets.

**Prerequisite:** MATH 160 with a minimum grade of D or MATH 181 with a minimum grade of D.

**ECO 424. Advanced Game Theory. 3 Hours.**

Game Theory is an analytical tool that models strategic interactions. It is widely used in economics, political science, biology, sociology, and psychology. This advanced class is intended to provide a more rigorous introduction to the main concepts and techniques of the field. These techniques will be used to investigate relevant social phenomena, such as evolutionary games, auction theory, the "prisoner's dilemma," the "tragedy of the commons," tacit collusion, competition among firms, and strategic interactions in labor, credit, and product markets. The most important classes of games will be analyzed (zero-sum games, cooperation problems, coordination games, bayesian games, signaling games, etc.), as well as the most important solution concepts (rationalizability, nash equilibrium in pure and mixed strategies, bayesian nash equilibrium, and evolutionarily stable strategies). this course will also introduce students to the main techniques of game-theoretic mathematical modelling.

**Prerequisite:** MATH 210 with a minimum grade of D.

**ECO 432. Managerial Economics. 3 Hours.**

The application of economic analysis to the management problems of coordination, motivation, and incentives within organizations.

**Prerequisite:** ECO 301 with a minimum grade of D and (MATH 181 with a minimum grade of D or MATH 160 with a minimum grade of D).

**ECO 435. Econometrics. 3 Hours.**

An introduction to empirical methods based on linear regression models used in economics to investigate empirical questions. Students will utilize STATA, which is the most popular statistical software in the discipline.

**Prerequisite:** MATH 181 with a minimum grade of D and (MATH 140 with a minimum grade of D or ECO 380 with a minimum grade of D).

**ECO 439. Mathematical Economics. 3 Hours.**

A thoroughly interdisciplinary approach to mathematics and economics. Measures such as logarithms, derivatives, and integrals will be employed to interpret trends of phenomena such as consumer welfare, social costs, inflation, etc. The formulation of qualitative explanations (concise and simplified) of quantitative outcomes is the overarching objective of this course.

**Prerequisite:** MATH 160 with a minimum grade of C or MATH 181 with a minimum grade of C.

**ECO 440. History of Economic Thought. 3 Hours.**

A study of the evolution of economic analysis, including a brief survey of the economic ideas of Aristotle, the scholastics, mercantilists, and physiocrats, and a more detailed study of the economic analysis of the classicists, Marxists, marginalists, and Keynesians.

**Prerequisite:** ECO 201 with a minimum grade of C- and ECO 202 with a minimum grade of C-.

**ECO 441. Comparative Economic Systems. 3 Hours.**

Contrasts the nature and characteristics of a free-market economy against the centrally-orchestrated mechanisms of managed economies such as socialism/communism, fascism, and the so-called 'crony mercantalism' that prevails in most of modern-day Africa, Latin America, and the Middle East. Writing intensive. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 450. Senior Seminar. 4 Hours.**

A capstone course required of all students in their last year of study completing the major in Business Economics or Economics. Microeconomic and macroeconomic case studies are used to reinforce and evaluate the student's understanding of the economic way of thinking.

**ECO 460. Labor Economics. 3 Hours.**

Students will learn to apply the tools of microeconomic analysis to labor markets and labor market outcomes. The course begins with a neo-classical overview covering labor supply, demand, and equilibrium determination of employment and wages. More advanced topics include wage differentials, investments in human capital, and incentive pay. The final section of the course covers frictions that impact the functioning of the labor market such as mobility, search costs, unions, and regulations. Writing Intensive.

**Prerequisite:** ECO 301 with a minimum grade of D.

**ECO 470. Independent Study. 1 to 3 Hours.**

Study of a specific topic in economics under the direction of a departmental faculty member. The readings, program of research, and written work to be undertaken by the student will be determined in consultation with the instructor.

**ECO 480. Advanced Topics in Economics. 1 to 4 Hours.**

Selected topics in Economics at the advanced level. Topics vary from year to year.

**Prerequisite:** ECO 201 with a minimum grade of C- and ECO 202 with a minimum grade of C-.

**ECO 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Education (EDUC)

The Education Minor offers students a solid foundation in education by studying educational philosophies, current pedagogy, and completing field experiences in local classrooms. The minor requires six education courses and one Education (EDUC) Interim. Students should begin the coursework as early as possible so that all of the requirements may be fulfilled. If students plan to complete the SC teaching certification, fifteen hours/five courses will transfer to Converse University and will apply towards a Master of Arts in Teaching (MAT). Additional career options with the minor include a non-traditional teaching certification process or the possibility of teaching in a private school, upon graduating from Wofford.

By completing the education courses at Wofford, students will be well prepared to earn a traditional teaching certification, pursue a graduate degree, or non-traditional teaching certification. The minor is not limited to students who only plan to teach; students who plan any type of career in schools, counseling, or other similar fields will benefit from this minor.

## Coordinator

Christina B. Johnson

The education minor requires students to complete a minimum of 21 credit hours including EDUC 430 Education Seminar and Field Experience which is offered each Interim (or an equivalent independent study). Students must complete 100 hours of field experience in a local classroom. Typically, those hours can be completed through EDUC 310 Foundations of Literacy, EDUC 340 Teaching of Reading, and EDUC 430 Education Seminar and Field Experience.

Course	Title	Hours
<b>Required Courses</b>		<b>18</b>
EDUC 200	Foundations of Education	
EDUC 220	Teaching Diverse Student Populations	
EDUC 310	Foundations of Literacy	
EDUC 320	Human Growth & Development: A Life Span Approach	
EDUC 330	Educational Psychology	
EDUC 340	Teaching of Reading	
<b>Required Interim</b>		<b>3</b>
EDUC 430	Education Seminar and Field Experience	
<b>Total Hours</b>		<b>21</b>

**EDUC 200. Foundations of Education. 3 Hours.**

This course is a study of the purposes, background, and organization of education in the United States. The development of the American education system is traced from its beginnings to the present day with emphasis placed on major developments influencing the school in modern society. The various philosophies of education will be considered. Significant social issues that impact education will be discussed and evaluated. To be taken in the sophomore year. Offered every semester.

**EDUC 210. Curriculum Classics and American Educational Policy. 3 Hours.**

This course enables students to make meaningful and relevant connections between the big picture of American history and the impact that history has had on the development of American educational institutions and the curriculum and course offerings required of citizens who have been enabled to live in and contribute to our democratic way of life. Particular emphasis is given to the classic literature in American education and curriculum from the ideas and writings of the founders to contemporary trends and issues in American education.

**Prerequisite:** EDUC 200 with a minimum grade of D.

**EDUC 220. Teaching Diverse Student Populations. 3 Hours.**

This course focuses on the increasing diversity found in today's schools. It is designed to help prepare teacher candidates to teach and work with four groups of students: students with special needs, gifted and talented learners, students from diverse cultural backgrounds, and students who are linguistically diverse. The course provides practical strategies for adapting instruction to meet the learning needs of diverse students. Offered every semester.

**Prerequisite:** EDUC 200 with a minimum grade of D.

**EDUC 280. Selected Topics in Education. 1 to 4 Hours.**

Selected topics in Education at the introductory or intermediate levels.

**Prerequisite:** EDUC 200 with a minimum grade of D.

**EDUC 310. Foundations of Literacy. 3 Hours.**

Designed to help students understand the theoretical and evidence-based foundations of the reading and writing processes in instruction. Students will examine how to support the creation of a classroom environment that fosters reading and writing by integrating foundational knowledge, instructional practices, approaches and methods, curriculum materials, and the appropriate selection and use of assessments in reading and writing. This course has a required field experience of 10 hours. The students will spend time in actual classrooms observing literacy methods and lessons, as well as implementing the instructional strategies introduced in this course.

**Prerequisite:** EDUC 200 with a minimum grade of D.

**EDUC 320. Human Growth & Development: A Life Span Approach. 3 Hours.**

This is a survey course designed to acquaint teacher candidates and others with basic knowledge of the principles of life-long growth and development. Course content addresses the various patterns of physical, cognitive, social, and emotional growth throughout life. The developmental characteristics and challenges of infants, children, youth and adults and how each developmental period is lived are also studied. Those who complete this course will have a thorough understanding of the life-span perspective as an integrative approach to development. Offered spring semester.

**EDUC 330. Educational Psychology. 3 Hours.**

Psychology of learning, learning theories, and stages of development as applied to the learner in the classroom. Attention is given to research into learning problems, management and assessment of learning, and the least restrictive environment for exceptional learners. Integration of career guidance and career planning in grades 9-12 is included. Offered fall semester.

**Prerequisite:** EDUC 200 with a minimum grade of D.

**EDUC 340. Teaching of Reading. 3 Hours.**

Course content includes a survey of techniques, strategies, and materials which facilitate secondary students' reading and study skills in content-area classrooms. Attention is focused on understanding reading difficulties experienced by high school students and the development of prescriptive instructional activities. A 10-hour field experience is included.

**Prerequisite:** EDUC 220 with a minimum grade of D and EDUC 310 with a minimum grade of D and EDUC 320 with a minimum grade of D and EDUC 330 with a minimum grade of D.

**EDUC 380. Special Topics. 1 to 4 Hours.**

Seminars on selected topics in Education offered on an occasional basis.

**EDUC 420. Instructional Methods. 3 Hours.**

A course designed to provide teacher candidates with information and experiences to develop a broad view and understanding of the roles, responsibilities, and instructional methods of secondary teachers. Teacher candidates will be introduced to general and specific instructional strategies, methods, planning techniques, teaching resources, and technology for use in secondary classrooms. They will also be provided opportunities to further refine their philosophy of education, their understanding of the learning process, their knowledge of how to assist students in building self-esteem and confidence, and their skills in communications with students, teaching colleagues, school administrators, and parents. The ADEPT process will be introduced and discussed. Study of learning theories, current research on effective teaching, and the development of curriculum products to support effective teaching will be included. Conferencing with secondary students, teachers, administrators, and parents will be addressed, as will classroom management techniques. Attention will also be given to teaching students with special needs in the regular classroom. This course has a required field experience of 15 semester hours. Offered fall semester.

**Prerequisite:** EDUC 340 with a minimum grade of D.

**EDUC 430. Education Seminar and Field Experience. 3 Hours.**

Take part in teaching in a real classroom. Students will participate in an 80-hour field experience and on-campus seminars that reinforce theoretical content with practical experiences. This course is offered during Interim and required for all students earning a minor in education.

**Prerequisite:** EDUC 420 with a minimum grade of D.

**EDUC 480. Advanced Topics in Education. 1 to 4 Hours.**

Study of selected pertinent topics in education at the advanced level.

**Prerequisite:** EDUC 200 with a minimum grade of D.

## Energy Studies (ENST)

The program in Energy Studies offers students an interdisciplinary approach to the study of energy, its role in society, and its role in the environment. While not a major, courses applied toward requirements for Energy Studies may also be counted toward requirements in other programs, majors, or minors. The program encourages students to examine the topic of energy from many different perspectives such as technical, economic, political, and ethical perspective. The program

culminates in an internship or research experience in a field related to energy.

## Coordinator

G. Mackay Salley, Physics

As an interdisciplinary program students must complete one physics course and three additional courses focusing on the topic of energy. The program culminates in an internship or research experience in a field related to energy. Once a student has completed at least two program courses, the student must meet with an Energy Studies advisor and the Internship Coordinator in Career Services to create an internship or find a research opportunity. Typically, the internship or research activity will occur in the summer of the student's junior year; however, this work could be completed during the regular semester. The internship requires an acceptable final project paper documenting what the student learned during the experience.

## Program Requirements

Course	Title	Hours
<b>Energy Fundamentals</b>		<b>4</b>
PHY 121	General Physics I (with lab)	
or PHY 141	Physics for Science & Engineering I (with lab)	
<b>Energy in Industry</b>		<b>3</b>
Select one of the following:		
BUS 350	Business and the Environment: The Sustainable Enterprise	
ECO 333	Environmental Economics	
INTL 382	Global Issues	
<b>Energy in Science</b>		<b>4</b>
Select one of the following:		
CHEM 104	Chemistry: Concepts & Methods (with lab)	
CHEM 224	Environmental Chemistry (with lab)	
ENVS 150	Introduction to Earth System Science (with lab)	
ENVS 160	Introduction to Sustainability Science (with lab)	
PHY 122	General Physics II (with lab)	
PHY 142	Physics for Science & Engineering II (with lab)	
<b>Energy in the Environment</b>		<b>3</b>
Select one of the following:		
CHEM 103	Chemistry: Science in Context	
ENVS 336	Climate Change (with lab)	
PHIL 215	Environmental Ethics	
PHY 202	Energy	
<b>Energy Related Internship</b>		<b>1</b>
INTR 301	Internship, Apprentice Program	
<b>Total Hours</b>		<b>15</b>

## English Language and Literature (ENGL)

The Department of English offers a major in English. The major can be completed with or without a Concentration in Creative Writing or Film and Digital Media. In addition, the department offers minors in English, Creative Writing, and Film and Digital Media. The minors in Creative Writing and Film and Digital Media are only available to students who are not completing the major in English.

## Honors Courses

The Department of English encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

## Chair

Julie Sexeny

## Professors

Alan D. Chalmers  
 Allison Douglass  
 Natalie S. Grinnell  
 Kimberly A. Hall  
 Bria N. Harper  
 Sally A. Hitchmough  
 James R. Neighbors  
 Sheri A. Reynolds  
 Kimberly A. Rostan  
 Amy D. Sweitzer  
 Carey R. Voeller  
 John M. Ware  
 Patrick N. Whitfill  
 Carol B. Wilson

Students who intend to do graduate work in English are advised to acquire a reading knowledge of French, German or Spanish.

## Requirements for the Major in English

Course	Title	Hours
<b>Prerequisite Course</b> <sup>1</sup>		
ENGL 201	English Literature to 1800	
<b>Corequisite Courses</b> <sup>1</sup>		
Select two courses from the following:		
ENGL 202	English Literature Since 1800	
ENGL 203	Survey of American Literature	
ENGL 204	Survey of World Literature	
ENGL 205	Introduction to the Study of Film	
ENGL 206	Survey of African American Literature	
<b>Required Major Course</b>		<b>3</b>
ENGL 260	Introduction to English Studies <sup>2</sup>	
<b>Category A Elective: British Literature to 1660</b>		<b>3</b>
Select one course from the following:		
ENGL 301	British Medieval Literature	
ENGL 302	Chaucer	
ENGL 303	English Renaissance Drama	



ENGL 304	Spenser, Milton and the Renaissance Epic
ENGL 305	Shakespeare's Comedies and Histories
ENGL 306	Shakespeare's Tragedies and Romances
ENGL 307	English Renaissance Poetry
ENGL 310	Arthurian Literature, 500-1800 CE

**Category B Elective: British Literature after 1660 3**

Select one course from the following:

ENGL 311	The English Romantic Period
ENGL 312	The Victorian Period
ENGL 316	Contemporary British Literature
ENGL 411	Restoration and 18th Century British Drama
ENGL 412	Restoration and 18th Century Prose and Poetry
ENGL 413	The Early English Novel
ENGL 414	The Later English Novel
ENGL 415	The Modern Novel
ENGL 416	Modern Poetry

**Category C Elective: American Literature 3**

Select one course from the following:

ENGL 320	African American Literature
ENGL 321	American Literature Pre-Civil War
ENGL 322	American Literature Post Civil War
ENGL 323	Southern Literature
ENGL 324	American Ethnic Literature
ENGL 326	Contemporary American Fiction
ENGL 327	Contemporary American Poetry
ENGL 328	Contemporary Drama
ENGL 329	Rhetoric, Writing and Race
ENGL 330	Black Arts Movement
ENGL 420	20th Century Am. Short Story
ENGL 422	Native American Literature
ENGL 424	African American Drama
ENGL/THEA 425	American Theatre & Drama
ENGL 426	19th Century American Poetry
ENGL 427	Queer Black Literature
ENGL 428	Slave Narratives as Resistance

**Category D Elective: Comparative and World Literatures 3**

Select one course from the following:

ENGL 335	Picaresque Narratives
ENGL 336	Early European Masterpieces
ENGL 337	Later European Masterpieces
ENGL 338	Early Women Writers
ENGL 339	Race, Gender, and Empire
ENGL 340	African Literature
ENGL/THEA 433	Modern Drama
ENGL 435	Global Digital Cultures
ENGL 436	Literature & Human Rights
ENGL 437	Selected Topics in World Literature
ENGL 438	Greek & Roman Drama

**Category E Elective: Language and Theory 3**

Select one course from the following:

ENGL 341	Literary Theory
ENGL 342	Contemporary English Grammar & Usage
ENGL 343	History of the English Language
ENGL 344	Adolescent Literature
ENGL 345	Literature & Gender Theory
ENGL 346	American Political Rhetoric
ENGL 347	Visual Rhetoric
ENGL 350	Digital Media Theory
ENGL 445	Sexuality in Film
ENGL 446	Screen Surveillance: Film, Television and Social Media
ENGL 447	Digital Literature

**Category F Elective: Writing and Performance 3**

Select one course from the following:

ENGL 371	Short Story Workshop
ENGL 373	Poetry Workshop
ENGL 375	The Art of Personal Essay
ENGL 376	Playwriting Workshop
ENGL 377	Digital Filmmaking
ENGL 378	Novella Workshop
ENGL 379	Screenwriting Workshop
ENGL 385	Composition & Rhetoric
ENGL 387	Business and Professional Writing
ENGL 388	Public Speaking
ENGL 471	Advanced Short Story Workshop
ENGL 473	Advanced Poetry Workshop
ENGL 474	Writing in Digital Environments
ENGL 476	Advanced Playwriting Workshop
ENGL 477	Advanced Digital Filmmaking
ENGL 479	Advanced Screenwriting Workshop

**Electives 9**

Select 9 credit hours of English (ENGL) from Categories A-F

**Total Hours 30**

## Requirements for the Major in English with a Concentration in Creative Writing

**Course Title Hours****Prerequisite Course <sup>1</sup>**

ENGL 201	English Literature to 1800
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**Corequisite Courses <sup>1</sup>**

Select two courses from the following:

ENGL 202	English Literature Since 1800
ENGL 203	Survey of American Literature
ENGL 204	Survey of World Literature
ENGL 205	Introduction to the Study of Film

**Required Major Courses 18**

ENGL 260	Introduction to English Studies <sup>2</sup>
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Select 15 credit hours in English (ENGL) courses with at least one course from each Category A-E

**Creative Writing Concentration 12**

Select four courses from the following, two must be from the same genre (short story, poetry, playwriting, filmmaking, or screenwriting):

ENGL 371	Short Story Workshop
ENGL 471	Advanced Short Story Workshop
ENGL 373	Poetry Workshop
ENGL 473	Advanced Poetry Workshop
ENGL 375	The Art of Personal Essay
ENGL 376	Playwriting Workshop
ENGL 476	Advanced Playwriting Workshop
ENGL 378	Novella Workshop
ENGL 379	Screenwriting Workshop
ENGL 479	Advanced Screenwriting Workshop
<b>Total Hours</b>	<b>30</b>

## Requirements for the Major in English with a Concentration in Film and Digital Media

Course	Title	Hours
<b>Prerequisites</b> <sup>1</sup>		
ENGL 201	English Literature to 1800	
ENGL 205	Introduction to the Study of Film	
Select one course from the following:		
ENGL 202	English Literature Since 1800	
ENGL 203	Survey of American Literature	
ENGL 204	Survey of World Literature	
<b>Required Major Courses</b>		<b>19</b>
ENGL 260	Introduction to English Studies <sup>2</sup>	
ENGL 400	Communications in Community	
Select 15 credit hours of English (ENGL) courses with at least one course from each Categories A-E		
<b>Film and Digital Media Concentration</b>		
<b>Production</b>		<b>6</b>
Select two courses from the following:		
ENGL 347	Visual Rhetoric	
ENGL 377	Digital Filmmaking	
ENGL 379	Screenwriting Workshop	
ENGL 474	Writing in Digital Environments	
ENGL 477	Advanced Digital Filmmaking	
ENGL 479	Advanced Screenwriting Workshop	
<b>History and Theory</b>		<b>6</b>
Select two courses from the following:		
ENGL 350	Digital Media Theory	
ENGL 435	Global Digital Cultures	
ENGL 445	Sexuality in Film	
ENGL 446	Screen Surveillance: Film, Television and Social Media	
ENGL 447	Digital Literature	
<b>Capstone</b>		<b>3</b>
ENGL 451	Film & Digital Media Capstone	
<b>Total Hours</b>		<b>34</b>

<sup>1</sup> The successful completion of at least one 200-level English course is a prerequisite for all 300-level or 400-level courses.

<sup>2</sup> Preferably, ENGL 260 would be completed during the sophomore year.

## Requirements for the Minor in English

Course	Title	Hours
<b>Prerequisite Course</b> <sup>1</sup>		
ENGL 201	English Literature to 1800	
<b>Corequisite Courses</b> <sup>1</sup>		
Select two courses from the following:		
ENGL 202	English Literature Since 1800	
ENGL 203	Survey of American Literature	
ENGL 204	Survey of World Literature	
ENGL 205	Introduction to the Study of Film	
ENGL 206	Survey of African American Literature	
<b>Requirements for the Minor</b>		<b>15</b>
Select five English (ENGL) courses at the 300-or 400-level, each from a different Category A-F (see major requirements for the categories)		
<b>Total Hours</b>		<b>15</b>

## Requirements for the Minor in Creative Writing

Course	Title	Hours
<b>Prerequisite Course</b> <sup>1</sup>		
Select one English (ENGL) course at the 200-level		
<b>Creative Writing</b>		<b>12</b>
Select four courses from following, two courses must be from same genre (short story, poetry, playwriting, filmmaking or screenwriting):		
ENGL 371	Short Story Workshop	
ENGL 471	Advanced Short Story Workshop	
ENGL 373	Poetry Workshop	
ENGL 473	Advanced Poetry Workshop	
ENGL 376	Playwriting Workshop	
ENGL 476	Advanced Playwriting Workshop	
ENGL 377	Digital Filmmaking	
ENGL 477	Advanced Digital Filmmaking	
ENGL 379	Screenwriting Workshop	
ENGL 479	Advanced Screenwriting Workshop	
<b>Contemporary Elective</b>		<b>3</b>
Select one course from the following:		
ENGL 326	Contemporary American Fiction	
ENGL 327	Contemporary American Poetry	
ENGL 328	Contemporary Drama	
<b>Upper-Level Elective</b>		<b>3</b>
Select one English (ENGL) course at the 300-or 400-level (except ENGL 370-400, 471-499)		
<b>Total Hours</b>		<b>18</b>

## Requirements for the Minor in Film and Digital Media

Course	Title	Hours
<b>Core Courses</b>		<b>4</b>
ENGL 205	Introduction to the Study of Film	
ENGL 400	Communications in Community	
<b>Production</b>		<b>6</b>
Select two courses from the following:		
ENGL 347	Visual Rhetoric	
ENGL 377	Digital Filmmaking	
ENGL 379	Screenwriting Workshop	
ENGL 474	Writing in Digital Environments	
ENGL 477	Advanced Digital Filmmaking	
ENGL 479	Advanced Screenwriting Workshop	
<b>History and Theory</b>		<b>6</b>
Select two courses from the following:		
ENGL 350	Digital Media Theory	
ENGL 435	Global Digital Cultures	
ENGL 445	Sexuality in Film	
ENGL 446	Screen Surveillance: Film, Television and Social Media	
ENGL 447	Digital Literature	
<b>Capstone</b>		<b>0 to 3</b>
ENGL 451	Film & Digital Media Capstone	
<b>Total Hours</b>		<b>16-19</b>

<sup>1</sup> At least one 200-level ENGL course must be successfully completed before enrolling in a 300- or 400-level course.

### ENGL 101. College Composition. 3 Hours.

An introduction to basic composition, including a review of mechanics, sentence patterns and basic usage, in order to master writing expository prose across the curriculum.

### ENGL 102. Seminar in Literature and Composition. 3 Hours.

An in-depth study of some topic in literature. Reading and discussion lead to written work and independent investigation. Objectives are to read critically, think analytically, and communicate effectively. Students are required to write several papers, one of which includes documentation. The course should be taken in the freshman year.

**Prerequisite:** HUM 101 with a minimum grade of D or ENGL 101 with a minimum grade of D.

### ENGL 200. Introduction to Literary Study. 3 Hours.

A study of the genres of fiction, poetry, and/or drama designed to develop the student's ability to read literature with sensitivity and understanding and with a sense of literary tradition. Emphasis is on close reading of works from a variety of critical perspectives.

**Prerequisite:** (ENGL 101 with a minimum grade of D or HUM 101 with a minimum grade of D) and ENGL 102 with a minimum grade of D.

### ENGL 201. English Literature to 1800. 3 Hours.

A study of works representative of the major writers and periods from the Middle Ages through the 18th century, with emphasis on critical understanding of these works and on the influences that produced them.

**Prerequisite:** (ENGL 101 with a minimum grade of D or HUM 101 with a minimum grade of D) and ENGL 102 with a minimum grade of D.

### ENGL 202. English Literature Since 1800. 3 Hours.

A study of works representative of the major writers and periods from the Romantic movement to the present, with emphasis on critical understanding of these works and on the influences that produced them.

**Prerequisite:** (ENGL 101 with a minimum grade of D or HUM 101 with a minimum grade of D) and ENGL 102 with a minimum grade of D.

### ENGL 203. Survey of American Literature. 3 Hours.

A study of works representative of major American writers from the Colonial Period to the present, with emphasis on critical understanding of these works and on the influences that produced them.

**Prerequisite:** (ENGL 101 with a minimum grade of D or HUM 101 with a minimum grade of D) and ENGL 102 with a minimum grade of D.

### ENGL 204. Survey of World Literature. 3 Hours.

A survey of literary texts from locales around the globe (outside Britain and the United States). Readings will include short stories, poems, and a few select novels spanning Asia, South Asia, South America, Africa, the Caribbean, the Middle East, and Europe. Authors will range from prize-winning world figures such as Salman Rushdie and Anita Desai to writers who less known internationally, but equally important in their national literary histories. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** (ENGL 101 with a minimum grade of D or HUM 101 with a minimum grade of D) and ENGL 102 with a minimum grade of D.

### ENGL 205. Introduction to the Study of Film. 3 Hours.

An introduction to the study of film as a technology, industry, cultural artifact, and art form. Students will learn how to analyze visual texts, employing formal elements, such as editing, camera work, and sound, and exploring the different ways these techniques have been employed by filmmakers in Hollywood and across the globe.

**Prerequisite:** (ENGL 101 with a minimum grade of D or HUM 101 with a minimum grade of D) and ENGL 102 with a minimum grade of D.

### ENGL 206. Survey of African American Literature. 3 Hours.

A survey of literary works by African American writers and artists from the twentieth century to the present with emphasis on the critical understanding of these works and the influences that produced them. Central themes include: systemic, institutional, familial, and communal structures of racism, oppression, and liberation.

**Prerequisite:** ENGL 102 with a minimum grade of D.

### ENGL 260. Introduction to English Studies. 3 Hours.

An introduction to the methods and methodologies of advanced English studies, including an exploration of the discipline's reading and writing genres, the variety of its research methods, and some of its theoretical frameworks.

**Prerequisite:** (ENGL 101 with a minimum grade of D or HUM 101 with a minimum grade of D) and ENGL 102 with a minimum grade of D.

### ENGL 280. Selected Topics in Literature. 1 to 4 Hours.

Selected topics in literature at the introductory or intermediate level.

**Prerequisite:** ENGL 102 with a minimum grade of D.

### ENGL 290. Selected Topics in Communication Studies. 1 to 4 Hours.

Selected topics in Communication Studies at the introductory or intermediate level.

**Prerequisite:** ENGL 102 with a minimum grade of D.

**ENGL 301. British Medieval Literature. 3 Hours.**

A study of British literature from 800 to 1450, excluding Chaucer. Works studied include Beowulf, Sir Gawain and the Green Knight, and Malory's *Morte d'Arthur*. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 302. Chaucer. 3 Hours.**

A study of Chaucer's major poetry, with some attention to medieval language and culture. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 303. English Renaissance Drama. 3 Hours.**

A study of English Renaissance drama (excluding Shakespeare) including authors such as Jonson, Marlowe and Webster. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 304. Spenser, Milton and the Renaissance Epic. 3 Hours.**

A study of the three great epics of the English Renaissance: Spenser's *Faerie Queen*, Milton's *Paradise Lost*, and Milton's *Paradise Regained*. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 305. Shakespeare's Comedies and Histories. 3 Hours.**

A study of Shakespeare's comedies and histories. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 306. Shakespeare's Tragedies and Romances. 3 Hours.**

A study of Shakespeare's tragedies and romances. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 307. English Renaissance Poetry. 3 Hours.**

A study of important works of poetry from the 16th and 17th centuries, including such authors as Wyatt, Raleigh, Ben Jonson, Donne, and Marvell. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 310. Arthurian Literature, 500-1800 CE. 3 Hours.**

A study of Arthurian literature written in the British Isles between 500 and 1800 CE, including works by Geoffrey of Monmouth, Layamon, Marie De France, Spenser, Johnson and Fielding. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 311. The English Romantic Period. 3 Hours.**

A study of English Romanticism with an emphasis on the poetry of Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 312. The Victorian Period. 3 Hours.**

A study of representative literature of the Victorian age, with emphasis on the poetry of Tennyson, Browning, Arnold, and the pre-Raphaelites. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 316. Contemporary British Literature. 3 Hours.**

A study of British literature after World War II, including poetry, fiction, and drama, with emphasis on the cultural and historical context. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 320. African American Literature. 3 Hours.**

This course intends to study in some depth a selection of African American writing from the twentieth century. Questions of origins, conceptual models, and the constitution of African American culture will be addressed. Readings will stress the diversity and multiplicity of African American literature. Successful completion of this course satisfied the Cultures and Peoples requirement for graduation. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 321. American Literature Pre-Civil War. 3 Hours.**

American literature up to the Civil War. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 322. American Literature Post Civil War. 3 Hours.**

American literature from the Civil War to World War II. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 323. Southern Literature. 3 Hours.**

A study of major Southern authors of the 20th century, with emphasis on the literature as an expression of Southern culture. Authors include the Agrarians, Faulkner, Warren, O'Connor, Welty, and Dickey. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 324. American Ethnic Literature. 3 Hours.**

Selected readings across four centuries of ethnic American writing, with emphasis on the historical and cultural context of each text. Writings include Native American creation stories, slave narratives, urban immigrant fiction, Black revolutionary poetry and plays, and Hispanic and Asian American narratives. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 326. Contemporary American Fiction. 3 Hours.**

American fiction after World War II. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 327. Contemporary American Poetry. 3 Hours.**

American poetry after World War II. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 328. Contemporary Drama. 3 Hours.**

Drama after World War II, including Beckett, the Modernists, and the Post-Modernists. Cross-listed with THEA 328. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 329. Rhetoric, Writing and Race. 3 Hours.**

An introduction to the intersections among rhetoric, writing, and race with a focus on works by Indigenous, Black, and Latinx people. Explore the ways that rhetoric and writing have shaped and argued about race. The basic concepts of rhetorical analysis will be utilized to examine and research a variety of texts to comprehend how the power of discourse and thinking about race has dominated the policies of the U.S. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 330. Black Arts Movement. 3 Hours.**

A study of the close ties between art and politics in the Black Arts and Black Power movements of the mid-to-late 1960's. Writings taken from African-American literature including poetry, fiction, plays, manifestoes, and performance pieces that came out of the Black Arts movement. Readings supplemented with films, FBI documents, and popular news magazines. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 335. Picaresque Narratives. 3 Hours.**

A study of the history and development of literature in the picaresque genre from its origins in 16th-century Spain to its use by contemporary writers. Representative works are drawn from various periods (the 16th through the 21st centuries), nations (Spain, Germany, Britain, the United States, and West Africa), and forms (novels and films). Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 336. Early European Masterpieces. 3 Hours.**

A study of selected masterpieces from the European tradition, including such writers as Homer, Rabelais, Dante, and Cervantes. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 337. Later European Masterpieces. 3 Hours.**

A study of selected masterpieces from the European tradition, including such writers as Moliere, Goethe, Ibsen, Flaubert, and Dostoyevsky. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 338. Early Women Writers. 3 Hours.**

A study of the works of women writers of poetry, drama, fiction and non-fiction prose from Antiquity through the Renaissance, including the works of writers such as Sappho, Hildegard von Bingen, Marie de France, Gaspara Stampa and Aphra Behn. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 339. Race, Gender, and Empire. 3 Hours.**

A study of world literature (from Africa, India, Sri Lanka, South America, and the Middle East) as well as the shifting debates about postcoloniality and imperialism. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 340. African Literature. 3 Hours.**

Explores African writers from the 20th and 21st centuries, including Wole Soyinka, Zakes Mda, and Zoe Wicombé. While investigating how African writers have responded to the West's history of overtly sexualized and romanticized discourses on Africa, the course will explore several common thematic strands in African Literature, including: colonialism and African nationalisms, the relationship between gender/race and nation, the politics of food, AIDS, and language innovation. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 341. Literary Theory. 3 Hours.**

A survey of criticism and theory, introducing students to various methods of reading and evaluating literary texts. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 342. Contemporary English Grammar & Usage. 3 Hours.**

A study of predominant theories of English grammar and issues related to the English language. In addition to theories of grammar, topics will include language varieties, dialects, orality, and literacy. Required for licensure as a teacher of English. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 343. History of the English Language. 3 Hours.**

A study of the origins and development of the English language emphasizing both structural and social linguistics. In addition to studying the history and sources of change in the English language, this course will consider changes taking place within contemporary English. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 344. Adolescent Literature. 3 Hours.**

Principles for selection of works of literature appropriate for study at various levels in secondary schools; methods of teaching such works, including use of various media; and analytical discussion of specific works from major genres. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 345. Literature & Gender Theory. 3 Hours.**

A study of gender theory and the application of the theory to a variety of texts. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 346. American Political Rhetoric. 3 Hours.**

A survey of the history of political rhetoric in the United States and a study of the methodology of rhetorical analysis, including its application to past, and especially, current political debates. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 347. Visual Rhetoric. 3 Hours.**

An exploration the ways in which images and visual elements of design can be read, analyzed, constructed, and manipulated, interrogating how images and visual design inform our reading of historical and political events, of personal identity, of public and private spaces. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 350. Digital Media Theory. 3 Hours.**

A survey of the historical development of digital media as it informs theoretical approaches to the study of mediums such as the Internet, social networks, videogames, electronic literature, and mobile devices. Introduces students to the critical analysis and production of digital media texts within a historical continuum. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 371. Short Story Workshop. 3 Hours.**

A creative writing course focusing on the writing of short stories. Students read manuscripts in class and meet with instructor for individual conferences. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 373. Poetry Workshop. 3 Hours.**

A creative writing course focusing on the writing of poetry. Students read manuscripts in class and meet with instructor for individual conferences. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 375. The Art of Personal Essay. 3 Hours.**

A creative writing course focusing on personal essays. Students write and revise at least six personal essays and discuss assigned readings, student essays, and essays by visiting writers. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 376. Playwriting Workshop. 3 Hours.**

A course in creative writing focusing on plays. Cross-listed with THEA 376. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 377. Digital Filmmaking. 3 Hours.**

This film workshop will give students the tools to transform a written text or script to the screen. Students will learn how to tell a story visually, focusing specifically on the director's work with the script, the staging of actors, and the use of the camera as narrator. This course also serves as a general introduction to the elements of film language, grammar, and style. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 378. Novella Workshop. 3 Hours.**

An advanced course in creative writing in which each student will write an original novella. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 379. Screenwriting Workshop. 3 Hours.**

In this course, students will learn the basic principles of visual storytelling: dramatic conflict, action, structure, plot, character, and dialogue. They will read texts about screenwriting, view narrative feature films, pitch a story idea to the class, develop a scene-by-scene outline of their stories, and write, workshop, and revise the first and second acts of their screenplays. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 380. Selected Topics in English. 1 to 4 Hours.**

An examination of a particular topic, theme, media, through various texts and documentation methods. Specific content varies from semester to semester. Students should consult the department as to how a specific offering to the major in English.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 385. Composition & Rhetoric. 3 Hours.**

An advanced composition course in which students study a wide variety of essays from different disciplines and write for a variety of purposes. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 387. Business and Professional Writing. 3 Hours.**

A practical course in writing and analyzing reports, instructions, letters, memoranda, and other material typical of business, industry, and the professions.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 388. Public Speaking. 3 Hours.**

An introduction. Students are expected to prepare and deliver various types of speeches. Category F.

**ENGL 400. Communications in Community. 1 to 3 Hours.**

A practicum designed to allow students to apply communication skills in a community setting under the direction of an on-site supervisor and a communication instructor. A student may earn a maximum of six semester hours in 400 courses. Permission of instructor required.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 401. Old English. 3 Hours.**

An introduction to the language of Old English. Students will build basic skills in Old English vocabulary, grammar, and syntax, along with a beginning knowledge of Anglo-Saxon history, literature and culture. Students will acquire basic skills in pronouncing, parsing, translating, and interpreting Old English poetry and prose. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 411. Restoration and 18th Century British Drama. 3 Hours.**

A study of a variety of plays written and performed in Britain between 1660 and 1800 with particular emphasis placed on comedies. Dramatists studied are likely to include George Etherege, John Dryden, Aphra Behn, Susanna Centlivre, Oliver Goldsmith, and Elizabeth Inchbald. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 412. Restoration and 18th Century Prose and Poetry. 3 Hours.**

A study of important works from the literature of the period, selected from satire (poetry and prose), essays, lyrics, and biographies. The chief authors studied will be Dryden, Swift, Pope, Gray, Johnson, Behn, Fielding, and Gay. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 413. The Early English Novel. 3 Hours.**

A study of representative British novels of the 18th century and the Romantic period, including works by Defoe, Fielding, Austen, and Shelley. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 414. The Later English Novel. 3 Hours.**

A study of major novels of the Victorian and modern periods, including works by Dickens, Eliot, Hardy, and Woolf. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 415. The Modern Novel. 3 Hours.**

A study of selected American and British modernist novels, including works by Joyce, Woolf, and Hemingway. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 416. Modern Poetry. 3 Hours.**

A study of representative American and British poetry from the first half of the 20th century, focusing on such modernists as Yeats, Eliot, Pound, Frost, and Stevens. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 420. 20th Century Am. Short Story. 3 Hours.**

A survey of American short stories, with emphasis on post World War II fiction. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 422. Native American Literature. 3 Hours.**

A study of the works of Native American writers of poetry, drama, fiction and nonfiction prose. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 424. African American Drama. 3 Hours.**

Focuses on the creation of African American identity on the American stage from the early 19th century through the present. Students will read Baraka, Kennedy, Wilson, Parks, Hughes, etc. as well as engage with issues of race, literature, performance, and authorship in class discussion, written work and oral presentations. Cross-listed with THEA 424. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 425. American Theatre & Drama. 3 Hours.**

The theatrical history of the United States is older than the nation itself. From Robert Hunter's satire *Androboros* (1714), the earliest printed American play, and Thomas Godfrey's tragedy *The Prince of Parthia* (1765), the first American play professionally performed on an American stage, to George Aiken's stage adaptation of *Uncle Tom's Cabin*, one of the most popular works of its period in both America and Europe, pre-twentieth century American drama is a complex and compelling topic. This class will address ideas and issues of nationhood, the frontier, American identity, race and race relations, and popular and high culture. Cross-listed with THEA 425. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 426. 19th Century American Poetry. 3 Hours.**

A study of canonical and popular poets of the American nineteenth century. Students will read poems by Edgar Allan Poe, Lydia Sigourney, Walt Whitman, Emily Dickinson, Herman Melville, Henry Wadsworth Longfellow, Frances E.W. Harper, and Stephen Crane as well as historical essays and literary criticism. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 427. Queer Black Literature. 3 Hours.**

An inquiry into lesbian, bisexual, transgender and gay literature written by Black authors in the 20th and 21st centuries. Special emphasis will be placed on historical context, formations of non-normative personal and cultural identities, and the concepts of queering and eroticizing aesthetic production and political activism.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 428. Slave Narratives as Resistance. 3 Hours.**

Exploration of slave narratives written (or dictated) from the late 18th century to the 1860s. Texts will examine how slave narratives served as crucial Black cultural and literary genres that interrogated, challenged and resisted antebellum racist and white supremacist discourses. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 433. Modern Drama. 3 Hours.**

A study of the work of late 19th to mid-20th century European and American dramatists. Authors include Ibsen, Chekhov, Strindberg, Pirandello, Brecht, Beckett, O'Neill, Miller, and Williams. Cross-listed with THEA 433. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 435. Global Digital Cultures. 3 Hours.**

A survey of the role of digital media in non-Western cultures, including immigrant communities within the United States. Readings and screenings will explore the use of social media in activist movements in the Middle East and North Africa, media arts in Japan and Korea, network culture in China and Africa, and changing representations of global citizenship within the United States. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 436. Literature & Human Rights. 3 Hours.**

An introduction to literary representations of collective atrocity and human rights campaigns - from genocide to environmental disasters. Course readings will have a global context, spanning Poland, Rwanda, South Africa, Argentina, Sudan, Chile, Cambodia, Dominican Republic and Sri Lanka. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 437. Selected Topics in World Literature. 3 Hours.**

An introduction to world literature from Africa, Asia, the Caribbean, and South America. Students will read short stories and novels from major voices in world literature which may include: Ngugi Wa Thiong'o, Jorge Luis Borges, Arundhati Roy, Salman Rushdie, and Gabriel Garcia Marquez. The course will be structured around a specific theme and may focus on aspects such as: short stories, "southernness," visual images in literature, etc. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 438. Greek & Roman Drama. 3 Hours.**

Selected Greek and Roman comedies and tragedies will be read in translation. The course will concentrate on the thematic, philosophical, and religious aspects of ancient drama. Cross-listed with THEA 438. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 445. Sexuality in Film. 3 Hours.**

What is sexuality? Is it a feeling, gender, practice, activity, behavior, orientation, or way of life? Why is sexuality so difficult to pin down, and at the same time, how has it come to signify something that is central to our sense of self? In this interdisciplinary course, we will explore theories of sexuality in relation to cinematic representations and consider how film theorists have responded to questions of gender and sexuality. This course will also serve as a broad introduction to the study of film. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 446. Screen Surveillance: Film, Television and Social Media. 3 Hours.**

A study of how film, television and social media engage us in practices of seeing. Students will learn how to analyze visual texts and relate theories of spectatorship and identity to questions about surveillance (re: national security, civil liberties, privacy and social control). They will explore how the act of seeing might inform the construction of self and other, desire and power. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 447. Digital Literature. 3 Hours.**

This course is a study of the literature produced within digital platforms, popularly known as "electronic literature," as well as an exploration of how computing technology informs contemporary modes of reading and writing. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 451. Film & Digital Media Capstone. 3 Hours.**

The capstone gives students the opportunity to create research or production projects of their own design. Synthesizing the knowledge and technical skills gained in their coursework and internships, students will work with an instructor to pursue a project in film and/or digital media history, theory, or production.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 470. Independent Study. 1 to 3 Hours.**

Directed independent study in an area of student interest. Projects should be approved by the instructor by midterm of the semester prior to the semester in which the work is to be undertaken. After approval of the topic, the student is expected to engage in general bibliographical study, to participate in conferences with the instructor, to report on reading, and to write papers as directed by the instructor. Only one independent study may be counted toward the major.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 471. Advanced Short Story Workshop. 3 Hours.**

An advanced course in creative writing in which each student will write original short stories. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 473. Advanced Poetry Workshop. 3 Hours.**

An advanced course in creative writing, culminating in the publication of poetry chapbooks. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 474. Writing in Digital Environments. 3 Hours.**

An introductory overview of rhetorical strategies for reading and composing in digital spaces (i.e. use of images, colors, shapes, sounds, fonts, and textures) to create arguments in multiple media, as well as how to recognize, analyze, and adhere to the genre conventions and technical affordances of digital environments. Students will compose content that is audience-specific, concise, and rhetorically effective, keeping in mind the particulars of interactivity and design in digital composition. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 476. Advanced Playwriting Workshop. 3 Hours.**

This film workshop will give students the tools to transform a written text or script to the screen. Students will learn how to tell a story visually, focusing specifically on the director's work with the script, the staging of actors, and the use of the camera as narrator. This course also serves as a general introduction to the elements of film language, grammar, and style. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 477. Advanced Digital Filmmaking. 3 Hours.**

Students will learn how to tell a story using a camera. They will gain a greater understanding of cinematography, camerawork, blocking, storyboarding, directing actors, and editing. Throughout the semester, they will shoot, direct, and edit two 5-7 minute short films and one longer 10-15 minute short film. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 479. Advanced Screenwriting Workshop. 3 Hours.**

In this course, students will master the principles of dramatic, visual storytelling. They will read original screenplays, texts about screenwriting, view narrative feature films, and write, workshop, and revise an original, feature screenplay of their own. Students may also choose to employ the screenwriting principles they've learned to write two original pilot episodes of a television or web series. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 480. Advanced Topics in Literature. 1 to 4 Hours.**

A seminar intended for advanced-level students majoring in English. Topics vary from year to year.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 481. Special Topics in English. 3 Hours.**

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 490. Advanced Topics in Communication Studies. 1 to 4 Hours.**

Selected topics in Communication Studies at the advanced level.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Environmental Studies (ENVS)

Environmental Studies is an interdisciplinary major in which students may earn a Bachelor of Art (BA) or Bachelor of Science (BS) degree. The BA serves students whose main interests lie in humanistic or social elements of the environment. For example, students who are interested in pursuing a career in law, policy, or environmental education will find the most appropriate courses for those interests in the BA. The BS serves student who are leaning toward a career in environmental science or who seek deeper grounding the sciences. It is well suited for students with interests in food systems, water resources, ecology, energy, or geospatial analysis, among other fields.

### Honors Courses

The Department of Environmental Studies encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

### Chair

Peter K. Brewitt

### Professors

Jennifer L. Bradham

Kaye S. Savage

Amy L. Telligman

A student must complete the seven core Environmental Studies requirements (below), the requirements for the BA or BS track, and an individualized set of focus courses for a total of 30-41 semester hours depending on the student's track and focus courses.

## Requirements for the Bachelor of Arts with a Major in Environmental Studies

Course	Title	Hours
<b>Required Major Courses</b>		<b>27</b>
ENVS 101	Introductory Seminar in Environmental Studies (with lab)	
ENVS 150	Introduction to Earth System Science (with lab)	
or ENVS 160	Introduction to Sustainability Science (with lab)	
ENVS 201	Introduction to Environmental Social Science	
ENVS 202	Introduction to Environmental Humanities	
ENVS 203	Introduction to Environmental Science (with lab)	
ENVS 347	Environmental Storytelling	
or ENVS 349	Developing the Capstone Proposal	
or ENVS 350	Research Methods	
ENVS 449	Senior Capstone Project	
ENVS 450	Environmental Studies Senior Seminar	



<b>Focus Courses</b> <sup>1</sup>	<b>9</b>
Select two ENVS approved focus courses (below)	
Select one additional approved focus course (below) from any department	
<b>Total Hours</b>	<b>36</b>

<sup>1</sup> Two of the three focus courses must be at the 300-level or higher and two of the three focus courses must be ENVS courses. Exceptions may be made in close consultation with the student's academic advisor.

## Requirements for the Bachelor of Science with a Major in Environmental Studies

Course	Title	Hours
<b>Prerequisite</b>		
Select one course from the following:		
MATH 140	Introduction to Statistics	
MATH 181	Calculus I	
<b>Required Major Courses</b>		<b>35</b>
ENVS 101	Introductory Seminar in Environmental Studies (with lab)	
ENVS 150	Introduction to Earth System Science (with lab)	
ENVS 160	Introduction to Sustainability Science (with lab)	
ENVS 201	Introduction to Environmental Social Science	
ENVS 202	Introduction to Environmental Humanities	
ENVS 203	Introduction to Environmental Science (with lab)	
ENVS 340	Quantitative Environmental Methods & Models (with lab)	
ENVS 347	Environmental Storytelling	
or ENVS 349	Developing the Capstone Proposal	
or ENVS 350	Research Methods	
ENVS 449	Senior Capstone Project	
ENVS 450	Environmental Studies Senior Seminar	
<b>Environmental Studies Lab Elective</b>		<b>8</b>
Select two courses from the following:		
ENVS 330	Art & Earth: Materials, Processes, and Perceptions (with lab)	
ENVS 332	Hydrology & Water Resources (with lab)	
ENVS 333	Environmental Geology (with lab)	
ENVS 334	Theory & Practice of Sustainable Agriculture (with lab)	
ENVS 336	Climate Change (with lab)	
ENVS 338	Terrestrial Ecology (with lab)	
ENVS 400	Regional Environmental Problems (with lab)	
<b>Science Elective</b>		<b>3 to 4</b>
Select one course from the following:		
BIO 150	Biological Inquiry (with lab)	
CHEM 123	General Chemistry I (with lab)	
COSC 235	Programming & Problem Solving	

PHY 121	General Physics I (with lab)	
PHY 141	Physics for Science & Engineering I (with lab)	
<b>Total Hours</b>		<b>46-47</b>

## Environmental Studies Focus Courses

Course	Title	Hours
ANTH 225	Human Ecology	3
ANTH 311	Ecological Anthropology	3
ANTH 314	Prehistory and History of Native American Culture in the Southeast	3
ARTS 357	Installation Art	3
BIO 241	Introduction to Biostatistics	3
BIO 305	Conservation Biology	3
BIO 313	Plants & Ecosystems	3
BIO 314	Plant & Ecosystems (with lab)	4
BIO 370	Field Biology (with lab)	4
BIO 372	Field Botany (with lab)	4
BIO 382	Ecology (with lab)	4
BIO 383	Ecotoxicology	3
BIO 385	Marine Biology	3
BIO 386	Freshwater Biology (with lab)	4
BIO 399	Evolution	3
BIO 497	Case Studies in Environmental Issues	3
BUS 350	Business and the Environment: The Sustainable Enterprise	3
ECO 333	Environmental Economics	3
CHEM 224	Environmental Chemistry (with lab)	4
ECO 334	Economics of Property Rights	3
ECO 338	Water: Law, Economics and Policy	3
ENVS 312	Problems in US Environmental Policy	3
ENVS 313	Sustainable Food Systems	3
ENVS 317	US Environmental History	3
ENVS 320	Field Experience: Environmental Humanities & Social Sciences	1
ENVS 326	Introduction to Environmental and Nature Writing	3
ENVS 327	Major Themes in Environmental Writing	3
ENVS 330	Art & Earth: Materials, Processes, and Perceptions (with lab)	4
ENVS 332	Hydrology & Water Resources (with lab)	4
ENVS 333	Environmental Geology (with lab)	4
ENVS 334	Theory & Practice of Sustainable Agriculture (with lab)	4
ENVS 335	Climate Change	3
ENVS 336	Climate Change (with lab)	4
ENVS 338	Terrestrial Ecology (with lab)	4
ENVS 340	Quantitative Environmental Methods & Models (with lab)	1 to 3
ENVS 341	Health & the Environment	3
ENVS 400	Regional Environmental Problems (with lab)	4

ENVS 480	Advanced Topics in Environmental Studies	0 to 4
HIST 317	American Wests, 1750-1940	3
INTL 382	Global Issues	3
INTL 423	NGOs in World Politics	3
PHIL 215	Environmental Ethics	3
PHIL 222	Human Nature	3
PHIL 302	Philosophy of Science	3
PHY 202	Energy	3
PSY 300	Learning & Adaptive Behavior (with lab)	4
SOC 202	Environmental Sociology	3

## Requirements for the Minor

Course	Title	Hours
<b>Required Minor Courses</b>		<b>17</b>
ENVS 101	Introductory Seminar in Environmental Studies (with lab)	
ENVS 201	Introduction to Environmental Social Science	
ENVS 202	Introduction to Environmental Humanities	
ENVS 203	Introduction to Environmental Science (with lab)	
ENVS 450	Environmental Studies Senior Seminar	
<b>Total Hours</b>		<b>17</b>

## Environmental Studies

### ENVS 101. Introductory Seminar in Environmental Studies (with lab). 4 Hours.

This foundational seminar introduces students to interdisciplinary approaches in contemporary environmental issues. The seminar considers key environmental issues, bringing cultural, scientific, historical, political, social, and economic perspectives to bear on each. The course is arranged thematically, with units on topics such as tropical deforestation, global warming, energy use, and resource depletion. This course will also investigate local environmental issues, study relevant scientific findings, explore the interactions of human communities with non-human nature, and probe the ecological, cultural, and ethical implications of these interactions.

### ENVS 103. Environmental Studies: Science in Context. 3 Hours.

Students will explore the features that make science an important way of understanding the natural world. This exploration will focus on science-based topics and issues important in our contemporary world.

### ENVS 150. Introduction to Earth System Science (with lab). 4 Hours.

Students will develop knowledge of Earth system components -- atmosphere, hydrosphere, lithosphere, biosphere, and exosphere -- with emphasis on their connections and interactions. They will use and integrate approaches of disciplinary sciences and mathematics to investigate physical and behavioral properties of Earth system components, as well as considering the human and social context (anthroposphere) in which environmental problems develop as the system is stressed. Students will develop skills in observation, investigation, analysis, team interaction and communication through field and laboratory experiences.

### ENVS 160. Introduction to Sustainability Science (with lab). 4 Hours.

Examination of the dynamic interactions between social and ecological systems. Students are introduced to theories, concepts, analytical frameworks, and research designs that develop their understanding of the dynamic relationships between complex social and environmental systems. Students will develop a solutions-oriented understanding of sustainability issues and be empowered to take actions toward sustainability by focusing on campus systems. The course introduces basic quantitative analysis methods and builds these skills by investigating the sustainability of campus systems (e.g., energy, food system, grounds, waste management).

### ENVS 201. Introduction to Environmental Social Science. 3 Hours.

Environmental Social Science is an interdisciplinary and cross-cultural investigation into the impact of society on the environment and the environment's impact on society. The class will be organized around case studies from Asia, Oceania, Africa, Europe and the Americas. It will look at local, national and international environmental issues ranging from the ecological toll of regional industries and agricultural practices to the environmental costs of economic globalization, from water pollution and soil depletion in communities to global warming.

**Prerequisite:** ENVS 101 with a minimum grade of D.

### ENVS 202. Introduction to Environmental Humanities. 3 Hours.

This course is an introduction to the interdisciplinary study of environmental issues in the humanities, including philosophy, art history, literature, film, history and religion. Through the study of the ways in which the environment is represented in literature, art, and film, we will attempt to understand the central role that human environmental perceptions have played and continue to play in creation of both sustainable and unsustainable relations with nature.

**Prerequisite:** ENVS 101 with a minimum grade of D.

### ENVS 203. Introduction to Environmental Science (with lab). 4 Hours.

This course will be an introduction to the application of the scientific method to the study of the environment. It will focus on the interdependence of ecological systems, the sources of energy and cycles of resources in a variety of environments, and the forces affecting environmental change.

**Prerequisite:** ENVS 101 with a minimum grade of D.

### ENVS 280. Selected Topics in Environmental Studies. 0 to 4 Hours.

Selected topics in Environmental Studies at the introductory or intermediate level.

### ENVS 312. Problems in US Environmental Policy. 3 Hours.

Engage with the major problems of environmental politics and policy in the United States, study the approaches that have been and are being used to deal with these problems, and assess the effectiveness of these approaches. Explore public policy structures and concepts, and discuss how their application impacts environmental quality. Gain an understanding of American environmental issues, the American political and policy system, and what possibilities lie ahead in American environmental policy.

**Prerequisite:** ENVS 201 with a minimum grade of D or GOV 202 with a minimum grade of D.

**ENVS 313. Sustainable Food Systems. 3 Hours.**

An overview of the US food system while focusing on interrelationships with the environment, society, public health, and equity, this course will examine the major driving forces shaping our modern US food system and possible alternatives. Through a semester-long project, students will contribute to a community-wide effort by collecting original data for the Spartanburg Food Policy Council Food System Assessment and Plan.

**Prerequisite:** ENVS 101 with a minimum grade of D or ENVS 150 with a minimum grade of D.

**ENVS 317. US Environmental History. 3 Hours.**

An overview of environmental history, focusing on the United States analyzing how Americans have shaped nature and been shaped by nature and how this relationship has changed over time. Students will engage with key historical themes and perspectives, their roles in various eras of American history, and how they have shaped the world in which we now live. Required readings will support the understanding of different interpretations of historic events and environmental problems.

**Prerequisite:** ENVS 201 with a minimum grade of D.

**ENVS 320. Field Experience: Environmental Humanities & Social Sciences. 1 Hour.**

Conjoining two focus courses in Environmental Studies into a learning community, this course engages students with central issues in American environmental history and literature. The learning community will embrace multiple perspectives on literature and the environment and examine how themes have changed and endured over time. It includes a weekly day-long field experience through various locales in the Carolinas.

**Prerequisite:** ENVS 201 with a minimum grade of D and ENVS 202 with a minimum grade of D.

**Corequisite:** ENVS 317 AND ENVS 327.

**ENVS 326. Introduction to Environmental and Nature Writing. 3 Hours.**

Serves as an introduction to the canon of American environmental/nature writing and will also develop in beginning students the practice of reflective writing. The course will introduce a familiarity with common themes, motifs, and characteristics of the genre. Readings will include short excerpts and a detailed study of a book-length work of environmental/nature writing.

**Prerequisite:** ENVS 101 with a minimum grade of D.

**ENVS 327. Major Themes in Environmental Writing. 3 Hours.**

This course examines major themes/metaphors (such as ecology, holiness, food chains etc.) in full texts from the important texts in the tradition of environmental writing.

**Prerequisite:** ENVS 202 with a minimum grade of D.

**ENVS 330. Art & Earth: Materials, Processes, and Perceptions (with lab). 4 Hours.**

Students will learn about geological and botanical origins of art materials through lecture, experimentation, and field experiences. Perceptions of nature will be addressed through review of artistic works. Students will present an artistic work of their own in a public forum.

**Prerequisite:** ENVS 203 with a minimum grade of D.

**ENVS 332. Hydrology & Water Resources (with lab). 4 Hours.**

A survey of water resource sciences including introductions to surface water (hydrology), ground water (hydrogeology), aquatic chemistry, and fresh water ecology. Use of quantitative models to describe and predict surface and ground water flow. Field and laboratory investigation of water distribution and quality.

**Prerequisite:** ENVS 203 with a minimum grade of D.

**ENVS 333. Environmental Geology (with lab). 4 Hours.**

The application of geological principles to understanding and solving problems associated with environment. Major environmental problems are associated with humankind's relationships with mineral and energy resources, water resources and geologic hazards. Laboratories will focus on small-scale research projects and field investigations.

**Prerequisite:** ENVS 203 with a minimum grade of D.

**ENVS 334. Theory & Practice of Sustainable Agriculture (with lab). 4 Hours.**

This course is dedicated to understanding the structure and function of agroecosystems including the use of land, water, energy, and biological resources in agriculture. We will learn how to assess the sustainability of agroecosystems, examine the relationship between a sustainable agroecosystem and a sustainable food system and consider the barriers and opportunities for developing a sustainable world food system.

**Prerequisite:** ENVS 150 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**ENVS 335. Climate Change. 3 Hours.**

Climate change examines the past, present, and future from an earth systems perspective. The scientific evidence of climate change will be examined along with dynamic models of climate systems. Scientific predictions of climate change will also be examined in addition to social, political, and economic perspectives on global warming.

**ENVS 336. Climate Change (with lab). 4 Hours.**

Identical to ENVS 335, but with a laboratory component.

**ENVS 338. Terrestrial Ecology (with lab). 4 Hours.**

Examination of the range of the world's terrestrial ecosystems and practical field experience with major terrestrial ecosystems in the southeastern US. An analytical field-based approach to understanding basic ecological principles including population dynamics, interspecific interactions, and biodiversity. Exploration of global change issues in the context of landscape-level dynamics in space and time. Utilization of the R programming language to model ecological interactions and investigate how ecological states are altered by direct and indirect anthropogenic interactions.

**ENVS 340. Quantitative Environmental Methods & Models (with lab). 1 to 3 Hours.**

Develop quantitative and environmental literacy by analyzing real-world environmental situations and problems with the use of mathematics and statistics. Students will learn how to use dynamic systems models and geographical information systems to gain insight into natural and social processes relevant to environmental issues and policy decisions.

**Prerequisite:** MATH 140 with a minimum grade of D or MATH 181 with a minimum grade of D.

**ENVS 341. Health & the Environment. 3 Hours.**

Students will demonstrate knowledge and understanding of the relationship between the environment and humans along with the impact each has on the health of the other. Human health as impacted by the environment will be the main focus. This focus will include primarily physical health but will also address psychological, emotional and spiritual health. Human activities that result in environmental factors that in turn affect human health will be addressed. Junior or senior class standing required.

**ENVS 347. Environmental Storytelling. 3 Hours.**

Examination of narrative storytelling tools and techniques in Environmental Humanities context. Content includes creative writers, films, visual and physical artists, as well as music. This course satisfies the Environmental Studies Capstone preparation requirement; students will plan and propose their senior capstone projects in this class.

**Prerequisite:** ENVS 202 with a minimum grade of D.

**ENVS 349. Developing the Capstone Proposal. 3 Hours.**

A seminar course required for all Environmental Studies majors in either the fall or spring semester of their junior year. Class meetings will guide students through a survey of qualitative, quantitative, and mixed research methods as well as the process of research design and capstone proposal development. By the end of the seminar, each student will have a finished proposal for the capstone project that they will execute in ENVS 449.

**ENVS 350. Research Methods. 1 to 3 Hours.**

Introduces students to research and critical reading of original research by participating in an existing departmental research project, either in preparation for completing the senior capstone or in collaboration with faculty-led research. This course is variable credit. Students may earn a maximum of three credit hours.

**ENVS 400. Regional Environmental Problems (with lab). 4 Hours.**

An interdisciplinary elective in which advanced students blend knowledge and interest from their major fields with the methodology and perspectives of earth science to understand regional environmental systems and problems. The course is designed as a bridge between the cultures of the scientist and the humanist.

**ENVS 449. Senior Capstone Project. 3 Hours.**

This course will require students to complete a substantial project in Environmental Studies.

**Prerequisite:** ENVS 349 with a minimum grade of C.

**ENVS 450. Environmental Studies Senior Seminar. 3 Hours.**

The final course required for majors and minors will focus on a particular environmental problem or topic. Guest speakers will address facets of the assigned problem or topic over the course of the semester. The seminar will meet for discussion on days when speakers are not scheduled.

**Prerequisite:** ENVS 201 with a minimum grade of D and ENVS 202 with a minimum grade of D and ENVS 203 with a minimum grade of D and ENVS 449 with a minimum grade of D.

**ENVS 470. Independent Study. 1 to 3 Hours.**

Study of a specific topic in environmental studies under the direction of a departmental faculty member. The readings, program of research, and written work to be undertaken by the student will be determined in consultation with the instructor.

**ENVS 480. Advanced Topics in Environmental Studies. 0 to 4 Hours.**

Selected topics in Environmental Studies at an advanced level.

**ENVS 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## First Year Inquiry (FYI)

All first-year students are required to complete the FYI 101 course in partial fulfillment of the Wellness general education requirement. Students register for the course during the semester in which they enter Wofford College. FYI 101 is designed to engage first-year students in the college, local, and global communities, as well as establish a foundation for the transition into Wofford College and the development of the whole person. The course includes learning through theme-based inquiry, professional development, speaking events and workshops, and exploration of student strengths as the foundation. The instructors who teach FYI 101 are across the campus in a number of departments.

### Coordinator

Elizabeth D. Wallace

**FYI 101. First-Year Interaction Seminar. 1 Hour.**

Designed to engage all first-year students in the college, local, and global communities, the course establishes a foundation for the transition into Wofford College and the development of the whole person. It includes learning through theme-based inquiry, professional development, cultural events, and exploration of student strengths as the foundation.

## French (FREN)

French is part of the Department of Modern Languages, Literatures, and Cultures. Both a major and minor is available in French and Francophone Studies which focuses on both language skills and and cultural aspects.

### Special Considerations

Students who directly enroll in and complete a 300-level French language course with a grade of 'C' or higher may be awarded credit for 201 and 202 courses provided they have not previously earned any lower division credit in that particular language.

Students who earned/received credit for a higher level French language course may not take or repeat a course at a lower level and receive credit for that course.

### Coordinator

Catherine L. Schmitz

### Professor

Jocelyn S. Franklin

## Requirements for the Major in French and Francophone Studies

Students majoring in French are required to complete a semester of study abroad in a country where the French language is spoken, taking a majority of courses in French in a program approved by the language

major advisor. In rare instances, exceptions to this policy may be granted, at the discretion of the faculty of the program, through a waiver process administered by the Coordinator of the French program.

Course	Title	Hours
<b>Required Major Courses</b>		<b>16</b>
FREN 201	Intermediate Active French	
FREN 202	Intermediate Active French	
FREN 303	Advanced French <sup>1</sup>	
FREN 304	The French World: France	
or FREN 306	The Francophone World: Global South	
FREN 308	Introduction to French and Francophone Literatures	
<b>Literature Requirement</b>		<b>3</b>
Select one course from the following:		
FREN 412	French Novel	
FREN 413	French Poetry	
FREN 414	French Non-Fiction	
FREN 415	French Theater	
FREN 421	French Film Seminar	
<b>400-Level Elective</b>		<b>3</b>
Select one French (FREN) course at the 400-level		
<b>Upper-Level Elective</b>		<b>3</b>
Select one French (FREN) course at the 300-or 400-level		
<b>Semester of Study Abroad</b>		
<b>Total Hours</b>		<b>25</b>

<sup>1</sup> Students must earn a grade of 'C' or higher in order to continue in the major.

## Requirements for the Minor in French and Francophone Studies

The curriculum consists of 18 credit hours as described below. Courses taken to meet the requirements of the Minor in Francophone Studies will NOT count toward requirements in programs other than Francophone Studies. Exceptions may be granted in extraordinary circumstances and with permission of both the French Language Coordinator and the Department Chair in Art History, History and/or Philosophy.

The candidate for the Minor in Francophone Studies is strongly encouraged to participate in an extended study, travel, or work-abroad experience.

Course	Title	Hours
<b>Required Minor Courses</b>		<b>9</b>
FREN 201	Intermediate Active French	
FREN 202	Intermediate Active French	
FREN 303	Advanced French <sup>1</sup>	
<b>Electives <sup>2</sup></b>		<b>9</b>
Select 9 credit hours (at least 6 hours must have the 'FREN' subject code):		
ARTH 305	19th-Century Art	
FREN 304	The French World: France	
FREN 306	The Francophone World: Global South	
FREN 308	Introduction to French and Francophone Literatures	

FREN 412	French Novel
FREN 413	French Poetry
FREN 414	French Non-Fiction
FREN 415	French Theater
FREN 421	French Film Seminar
FREN 440	The Art & Craft of Translation
FREN 441	Advanced Grammar and Composition
FREN 443	French Phonetics
FREN 444	French for Professional Fluency
HIST 360	Europe from Louis XIV to the French Revolution (1600-1800)
PHIL 354	Existentialism

**Total Hours 18**

<sup>1</sup> Students must complete FREN 303 with a grade of 'C' or higher as it is pre-requisite for all other upper-level French courses.

<sup>2</sup> With prior approval from the French Language Coordinator, special topics courses or courses taken abroad whose main subject is French or Francophone culture, may be applied to this requirement.

### FREN 101. Beginning Active French. 3 Hours.

A first semester comprehensive introduction to the four skills of the language: oral expression, aural comprehension, reading, and writing. Communication skills and intercultural competence are emphasized through extensive use of French in the classroom.

### FREN 102. Beginning Active French. 3 Hours.

A second semester comprehensive introduction to the four skills of the language: oral expression, aural comprehension, reading, and writing. Communication skills and intercultural competence are emphasized through extensive use of French in the classroom.

**Prerequisite:** FREN 101 with a minimum grade of D.

### FREN 201. Intermediate Active French. 3 Hours.

An intensive first semester review of the language at the intermediate level with an emphasis on the development of fluent oral skills, refinement of grammatical structures, vocabulary building, and expansion of reading and writing skills. Oral communication is stressed in class.

**Prerequisite:** FREN 102 with a minimum grade of C-.

### FREN 202. Intermediate Active French. 3 Hours.

An intensive second semester review of the language at the intermediate level with an emphasis on the development of fluent oral skills, refinement of grammatical structures, vocabulary building, and expansion of reading and writing skills. Oral communication is stressed in class.

**Prerequisite:** FREN 201 with a minimum grade of C-.

### FREN 280. Selected Topics in French. 1 to 4 Hours.

The study of selected topics, at the introductory or intermediate level, in French.

### FREN 303. Advanced French. 3 Hours.

Advanced French language course designed to move the student toward content-based courses. Topics focus on: refinement of listening and speaking skills, reading French, and oral and written communication. The course stresses improvement in the ease and richness of expression, as well as intercultural competency. Conducted in French.

**Prerequisite:** FREN 202 with a minimum grade of C-.

**FREN 304. The French World: France. 4 Hours.**

A discovery of France and its social and cultural institutions through a study of contemporary issues and of differences and similarities between American and French histories, philosophies, policies, and trends. Strong emphasis on intercultural competence. Conducted in French.

**Prerequisite:** FREN 303 with a minimum grade of C.

**FREN 306. The Francophone World: Global South. 4 Hours.**

A decolonial approach to exploration of French-speaking regions of the Global South. Topics may include the Maghreb, Sub-Saharan Africa, the Indian Ocean, French Polynesia, and the Caribbean. This introductory course to Francophone Studies focuses on key historical moments, indigenous histories and myths, plurilingualism, and cultural practices. Conducted in French. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** FREN 303 with a minimum grade of C.

**FREN 308. Introduction to French and Francophone Literatures. 3 Hours.**

An introduction to the literatures of France and the French-speaking world. Topics include: reading techniques that appreciate style, syntax, and rhetorical devices from the Renaissance to the 21st Century. Diverse literary genres and authors are studied with an emphasis on the historical, social, and cultural contexts of the chosen works. Students will acquire academic writing skills in French. Conducted in French.

**Prerequisite:** FREN 303 with a minimum grade of C.

**FREN 412. French Novel. 3 Hours.**

Readings from selected texts that represent the evolution of the French novel. Attention is paid to technique and style, with emphasis also on the historical and social importance of each novel. The student also becomes familiar with a substantial corpus of critical literature. Conducted in French.

**Prerequisite:** FREN 308 with a minimum grade of C.

**FREN 413. French Poetry. 3 Hours.**

Study of a variety of texts from representative poetic movements from the 17th century through the 20th century. Emphasis is placed on poetry as a social and historical document and close attention is also paid to the evolution of poetic structure and technique. Conducted in French.

**Prerequisite:** FREN 308 with a minimum grade of C.

**FREN 414. French Non-Fiction. 3 Hours.**

A careful reading of selected major essays, journalistic articles and reviews, biographies and autobiographies, and other non-fictional texts by writers in French. The course focuses on important themes and perspectives of influential French authors, contemporary and historical, as well as on the basic elements and strategies of their prose styles. Conducted in French.

**Prerequisite:** FREN 308 with a minimum grade of C.

**FREN 415. French Theater. 3 Hours.**

A careful reading of representative texts of the French theater designed to acquaint the student with the different genres of theater and to teach the student to read critically. Conducted in French.

**Prerequisite:** FREN 308 with a minimum grade of C.

**FREN 421. French Film Seminar. 4 Hours.**

A study of French film as an art form. Using a representative sample of films as 'texts,' the course considers narrative processes, representational modalities, and the language of film (cinematographic techniques and devices). Other topics of consideration may include the contrastive analysis of literary and cinematic fictions; the cinematic depiction of social and cultural realities (film as cultural mirror, film as propaganda); the historical development of a national film industry; and the director as auteur. Conducted in French.

**Prerequisite:** FREN 308 with a minimum grade of C.

**FREN 440. The Art & Craft of Translation. 3 Hours.**

To enrich and deepen the student's understanding of different methods of written expression in French, the course focuses on expansion of the student's active and passive vocabulary and on the student's appreciation of the linguistic nuances that distinguish French language from English language. Conducted in French and English.

**Prerequisite:** FREN 303 with a minimum grade of C.

**FREN 441. Advanced Grammar and Composition. 3 Hours.**

This course is designated according to the ACTFL Revised Proficiency Guidelines to help students improve their control of French grammar in order to improve their composition and grammatical skills in French of different genres. The focus on grammar and writing skills will be supported by various listening and speaking activities. By the end of this course, students should be able to write in relatively sophisticated and accurate French on complex topics, converse about these same topics, and read authentic texts written in French with increasing ease. Conducted in French.

**Prerequisite:** FREN 303 with a minimum grade of C.

**FREN 442. Oral Proficiency: Conversing and Interpreting in French. 3 Hours.**

A practical approach to speaking French. Using a wide variety of spoken samples for listening practice and role-play tasks for speaking practice, the course examines the functions and contexts of oral proficiency levels from intermediate to superior abilities. The course also considers techniques of oral assessment and the nature of professional interpreting as a career. Conducted in French.

**Prerequisite:** FREN 303 with a minimum grade of C.

**FREN 443. French Phonetics. 4 Hours.**

An introduction to the International Phonetic Alphabet and its application to problems of correct phonetic utterance. Phonetic accuracy improves oral expression by the student and aural comprehension by the listener. Conducted in French and English.

**Prerequisite:** FREN 303 with a minimum grade of C.

**FREN 444. French for Professional Fluency. 3 Hours.**

Students will study Francophone professional culture by investigating and reading about the different professional areas in which they could use their French. Students will learn to develop and perfect their language skills to be able to function in a French professional environment. Students will become familiar with the trends of the French professional areas of the Arts, Law, Public Services & NGOs, Healthcare, Trade, and the Hospitality Industry, and will learn about the impacts of new discoveries, models, and structures within these areas. Cross-cultural differences regarding the work place will also be a focus of the course. This course will be taught in French.

**Prerequisite:** FREN 304 with a minimum grade of C or FREN 306 with a minimum grade of C.

**FREN 480. Advanced Topics in French. 1 to 4 Hours.**

The study of selected topics at the advanced level in French.

## Gender Studies (GSP)

The program in Gender Studies is not a major. It is an interdisciplinary program that offers students an integrated approach to the study of gender in human culture. Drawing on courses in such disciplines as Art History, English, Modern Languages, History, Philosophy, Psychology, and Sociology, the program encourages students to pursue interests across several disciplines. It culminates in a semester-long independent capstone project designed to integrate learning from two disciplines and gender studies. With the exception of the capstone project, courses applied toward requirements for Gender Studies may also be counted toward other programs, majors or minors.

### Coordinators

Nancy M. Williams, Philosophy  
Carey R. Voeller, English

### Program Requirements

Course	Title	Hours
<b>Theory</b>		<b>3</b>
Select one course from the following:		
ENGL 339	Race, Gender, and Empire	
ENGL 345	Literature & Gender Theory	
ENGL 445	Sexuality in Film	
GSP 301	Introduction to Gender Studies	
HIST 440	Modern Intellectual History	
PHIL 303	Feminist Philosophy	
PHIL 315	Philosophy of Love and Sex	
<b>Electives</b>		<b>12</b>
Select four courses (with not more than two, including the theory course, from the same department).		
ARTH 241	African Art: Gender, Power & Life-Cycle Ritual	
ARTH 412	Gender & Art of the Early Modern Period	
ENGL 338	Early Women Writers	
ENGL 339	Race, Gender, and Empire	
ENGL 345	Literature & Gender Theory	
ENGL 427	Queer Black Literature	
ENGL 445	Sexuality in Film	
FREN 412	French Novel	
GSP 301	Introduction to Gender Studies	
HIST 319	History of American Women	
HIST 385	Women in European History	
HIST 440	Modern Intellectual History	
PHIL 216	Social & Political Philosophy	
PHIL 230	Gender, Race and Science	
PHIL 303	Feminist Philosophy	
PHIL 315	Philosophy of Love and Sex	
PSY 260	Personality	
REL 308	Sex & Bodies in the Hebrew Bible	
SOC 216	Gender in Society	

SPAN 308 Critical Reading & Analysis of Cultural Texts in Spanish

<b>Senior Capstone Project</b>		<b>3</b>
GSP 448	Capstone Project: Gender Studies	
<b>Total Hours</b>		<b>18</b>

*Students may also count certain other courses toward program requirements as approved by the Program Coordinators.*

#### **GSP 301. Introduction to Gender Studies. 3 Hours.**

The course introduces basic topics, concepts and theories from the field of Gender Studies through an interdisciplinary and intercultural analysis of gender roles and their intersection with other social constructs such as race, class, sexuality, religion or disability. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

#### **GSP 448. Capstone Project: Gender Studies. 3 Hours.**

Designed by the student, the Capstone Project combines an understanding of gender theory with study in two disciplines. The product of the project may take the form of a traditional research paper of 20-30 pages, but works of fiction or drama, field studies, multi-media presentations, or other formats are acceptable, subject to the approval of the coordinators. Products other than research papers must be accompanied by bibliography of sources and a 5-10 page statement explaining goals, results, and research methods. Students will work closely throughout the semester with two faculty advisors and will defend the results of their projects before a committee of three faculty members: two who teach courses in the program and one outside reader. At least one committee member will be a program coordinator. The defense will be open to the Wofford community. Prerequisite: Instructor permission.

**Prerequisite:** ENGL 339 with a minimum grade of D or ENGL 345 with a minimum grade of D or ENGL 445 with a minimum grade of D or GSP 301 with a minimum grade of D or HIST 389 with a minimum grade of D or PHIL 303 with a minimum grade of D or PHIL 315 with a minimum grade of D.

## German (GER)

German is part of the Department of Modern Languages, Literatures, and Cultures. A major is available in German as well as a minor in German Studies. While the major focuses primarily on the language, the interdisciplinary minor provides students the opportunity to take courses from a diverse set of departments.

### Special Considerations

Students who directly enroll in and complete a 300-level German language course with a grade of 'C' or higher may be awarded credit for 201 and 202 courses provided they have not previously earned any lower division credit in that particular language.

Students who earned/received credit for a higher level German language course may not take or repeat a course at a lower level and receive credit for that course.

### Coordinator

Kirsten A. Krick-Aigner

### Requirements for the Major in German

The German major consists of 24 credit hours. Students majoring in German are required to complete a semester of study abroad in a country

where the German language is spoken, taking a majority of courses in German in a program approved by the language coordinator. In rare instances, exceptions to this policy may be granted, at the discretion of the faculty of the program, through a waiver process administered by the Coordinator of the German program.

Course	Title	Hours
<b>Required Major Courses</b>		<b>15</b>
GER 201	Intermediate Active German	
GER 202	Intermediate Active German	
GER 303	Advanced German <sup>1</sup>	
GER 304	The German World	
or GER 306	Popular Culture and Traditions in Austria, Germany and Switzerland	
GER 308	Introduction to German Literature	
<b>Literature Requirement</b>		<b>3</b>
Select one course from the following:		
GER 401	German Prose	
GER 402	German Theater	
GER 403	German Expressionism	
GER 404	German Contemporary Film Seminar	
GER 405	German Poetry	
<b>400-Level Elective</b>		<b>3</b>
Select one German (GER) course at the 400- level		
<b>Upper-Level Elective</b>		<b>3</b>
Select one German (GER) course at 300- or 400-level		
<b>Semester of Study Abroad</b>		
<b>Total Hours</b>		<b>24</b>

<sup>1</sup> Students must earn a grade of 'C' or higher in order to continue in the major.

## Requirements for Minor in German Studies

The curriculum consists of 18 credit hours as described below. Courses taken to meet the requirements of the Minor in German Studies will NOT count toward requirements in programs other than German Studies. Exceptions may be granted in extraordinary circumstances and with permission of both the German Language Coordinator and the Department Chair in Philosophy, Religion, History, and/or Government. The candidate for the Minor in German Studies is strongly encouraged to participate in an extended study, travel, or work-abroad experience.

Course	Title	Hours
<b>Required Courses</b>		<b>6</b>
GER 201	Intermediate Active German	
GER 202	Intermediate Active German	
<b>Language Electives</b>		<b>6</b>
Select two German (GER) courses at the 300- level or higher		
<b>Culture Electives</b>		<b>6</b>
Select two courses from the following:		
HIST 370	Europe in the Age of Revolutions, 1789-1850	
HIST 380	Selected Topics in History	

INTL 360	European Politics
INTL 421	International Conflict
INTL 422	Empire
PHIL 353	19th Century European Philosophy
PHIL 355	Phenomenology
PHIL 357	The Analytic Tradition
REL 323	Belief Amidst Bombshells: Western Public Religious Thought, 1900-1965
Any 300 or 400-level GER course	
<b>Total Hours</b>	
<b>18</b>	

### GER 101. Beginning Active German. 3 Hours.

A comprehensive introduction to the four skills of the language: speaking, aural comprehension, reading, writing. Structure and communication skills are emphasized through extensive use of German in the classroom.

### GER 102. Beginning Active German. 3 Hours.

A comprehensive introduction to the four skills of the language: speaking, aural comprehension, reading, writing. Structure and communication skills are emphasized through extensive use of German in the classroom.

**Prerequisite:** GER 101 with a minimum grade of D.

### GER 201. Intermediate Active German. 3 Hours.

An intensive review of the language, with emphasis on development of fluent oral skills, refinement of grammatical structure, vocabulary building, and expansion of reading and writing skills. Oral communication is stressed in class.

**Prerequisite:** GER 102 with a minimum grade of C-.

### GER 202. Intermediate Active German. 3 Hours.

An intensive review of the language, with emphasis on development of fluent oral skills, refinement of grammatical structure, vocabulary building, and expansion of reading and writing skills. Oral communication is stressed in class.

**Prerequisite:** GER 201 with a minimum grade of C-.

### GER 280. Selected Topics in German. 1 to 4 Hours.

The study of selected topics at the introductory or intermediate level in German.

### GER 303. Advanced German. 3 Hours.

Modern short stories are the basis for discussions on a wide range of topics contrasting German and American cultural attitudes and the ways in which they are expressed. Written assignments are related to discussion topics. The course stresses application of grammar, idiomatic usage of German, and vocabulary acquisition, with the goal of moving the student toward advanced proficiency in German. Conducted in German.

**Prerequisite:** GER 202 with a minimum grade of C-.

### GER 304. The German World. 3 Hours.

A discovery of Austria, Germany and Switzerland, their social, cultural, and political institutions, their geography and recent history through authentic listening and reading materials. Conducted in German.

**Prerequisite:** GER 303 with a minimum grade of C.



**GER 306. Popular Culture and Traditions in Austria, Germany and Switzerland. 3 Hours.**

An exploration of the historical development of popular culture in Austria, Germany, and Switzerland. Using representative samples of literary works, films, music, and fine arts, the course will examine the production, manifestation, and audience of popular culture. Outside influences that shape popular culture will also be discussed. Conducted in German.

**Prerequisite:** GER 303 with a minimum grade of C.

**GER 308. Introduction to German Literature. 3 Hours.**

Selected readings in poetry, drama, and prose introduce the student to the historical development of various literary genres and foster an appreciation of diverse styles and literary techniques. Conducted in German.

**Prerequisite:** GER 303 with a minimum grade of C.

**GER 309. Business German. 3 Hours.**

This course is designed to build speaking and oral comprehension skills, reading and writing skills, and cultural proficiency with a strong focus on business-German. The course concentrates on contemporary Germany, Austria, and Switzerland and will introduce students to essential aspects of business culture and practices in German-speaking countries.

**Prerequisite:** GER 303 with a minimum grade of C.

**GER 370. Independent Study. 1 to 4 Hours.**

Independent study of selected topics in German language, literature, or culture offered under the guidance of a member of the department. Permission of instructor required.

**Prerequisite:** GER 202 with a minimum grade of C.

**GER 401. German Prose. 3 Hours.**

A careful reading of selected texts by major German-speaking authors that trace the evolution of specific genres within German prose. The course surveys one of the major literary genres of either the German novel, the "Novelle," or the fairytale. The techniques and styles of major German authors are examined, with emphasis on their historical and social importance. Conducted in German.

**Prerequisite:** GER 308 with a minimum grade of C.

**GER 402. German Theater. 3 Hours.**

A careful reading of representative texts of the German theater designed to acquaint the student with the different genres of theater and to teach the student to read critically. Conducted in German.

**Prerequisite:** GER 308 with a minimum grade of C.

**GER 403. German Expressionism. 3 Hours.**

An interdisciplinary study of Expressionist literature, art, and culture that takes into account the political and historical relevance of its revolutionary time period. Using prose, drama, and poetry, as well as representative films of this period, the course explores the importance of these works as documents of turn-of-the-century European culture, the dawn of modernism, industrialism, and urbanization, as well as the political and social realities of pre-war, World War I, and "Weimar" Germany. Conducted in German.

**Prerequisite:** GER 308 with a minimum grade of C.

**GER 404. German Contemporary Film Seminar. 4 Hours.**

A study of German-speaking film as an art form. Using a representative sample of films as "texts," the course considers narrative processes, representational modalities, and the language of film (cinematographic techniques and devices). Other topics of consideration may include the contrastive analysis of literary and cinematic fictions, the cinematic depiction of social and cultural realities (film as cultural mirror, film as propaganda), the historical development of a national film industry, and the director as auteur. Conducted in German.

**Prerequisite:** GER 308 with a minimum grade of C.

**GER 405. German Poetry. 3 Hours.**

A careful reading of selected poems by major German-speaking authors, tracing the evolution of specific genres within German poetry. The authors' techniques and styles are examined, with emphasis on their historical and social importance. Conducted in German.

**Prerequisite:** GER 308 with a minimum grade of C.

**GER 406. Multiculturalism and Diversity in the German-Speaking World. 3 Hours.**

An exploration of the cultural and social diversity within Austria, Germany, and Switzerland. Selected literary texts, texts dealing with current events, and films about and by minority cultures will be studied. The course will examine how minorities adapt to and/or adopt the majority culture of the host country. Conducted in German. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** GER 308 with a minimum grade of C.

**GER 480. Advanced Topics in German. 1 to 4 Hours.**

The study of selected topics at the advanced level in German.

## Government (GOV) & International Affairs (INTL)

The Department of Government & International Affairs offers each student a foundational understanding of government and politics at all levels, and preparation for leadership in the community, nation and world. The department builds on Wofford's broad liberal education by challenging students to deliberate on a diversity of ideas of justice, experiences of politics, and structures of power. Graduates can creatively confront the latest problem or debate, while rooted in a deep appreciation of our cultural, intellectual and political heritage.

Majors are offered in Government and International Affairs. Students majoring in Government have the option to select concentrations in American Politics or Political Theory. Additionally, the International Affairs major offers an optional global linking experience. Minors are also offered in both Government and International Affairs.

## Honors Courses

The Department of Government encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

## Chair

Rachel J. Vanderhill

## Professors

J. David Alvis  
William E. DeMars

Victoria J. Gilbert  
Robert C. Jeffrey

For both the Government and International Affairs majors, GOV 202 Foundations of American Politics and INTL 203 Foundations of World Politics should be completed, each with a grade of 'C' or better, before a student declares the major.

## Requirements for the Major in Government

The major in Government offers a broad range of courses in American Politics, Political Theory and International Affairs, with considerable freedom to select courses and tailor an individual program. Students may pursue the major alone, or one of two optional five-course concentrations within the major: the Concentration in American Politics or the Concentration in Political Theory.

Course	Title	Hours
<b>Required Major Courses</b>		<b>6</b>
GOV 202	Foundations of American Politics	
INTL 203	Foundations of World Politics	
<b>America in the World</b>		<b>3</b>
Select one course from the following:		
INTL 260	Comparing States & Societies	
INTL 420	American Foreign Policy	
INTL 425	America & the Global Economy	
<b>American Politics</b>		<b>6</b>
Select two courses from the following:		
GOV 310	American Political Development I	
GOV 311	American Political Development II	
GOV 320	Leadership & Globalization in South Carolina	
GOV 330	South Carolina Politics	
GOV 331	The American Presidency	
GOV 333	Southern Politics	
GOV 335	African American Politics	
GOV 345	Health Care Policy & Administration	
GOV 411	Constitutional Law of the United States	
GOV 440	American Political Thought	
GOV 480	Advanced Topics in American Government	
<b>Political Theory</b>		<b>6</b>
Select two courses from the following:		
GOV 391	Classical Political Thought	
GOV 392	Modern Political Thought	
GOV 434	Statesmanship of Lincoln	
GOV 436	Statesmanship of Winston Churchill	
GOV 437	Politics and Literature	
GOV 440	American Political Thought	
GOV 495	Advanced Topics in Political Theory	
<b>Electives</b>		<b>9</b>
Select 9 credit hours from GOV and/or INTL at the 300- and 400-level and INTL 260		
<b>Total Hours</b>		<b>30</b>

## Requirements for the Major in Government with a Concentration in American Politics

The Government major with a Concentration in American Politics offers students a broad understanding of the development of ideas, institutions and leadership in the American political system, as well as the policy debates that have shaped our political life. With this knowledge, students will be prepared to analyze contemporary policy and constitutional controversies, to pursue advanced degrees or careers in policy, politics, law, and public service, and to be engaged and active citizens. Students are encouraged to intern in government offices or non-profit organizations, or to volunteer in political campaigns.

Course	Title	Hours
<b>Required Major Courses</b>		<b>6</b>
GOV 202	Foundations of American Politics	
INTL 203	Foundations of World Politics	
<b>America in the World</b>		<b>3</b>
Select one course from the following:		
INTL 260	Comparing States & Societies	
INTL 420	American Foreign Policy	
INTL 425	America & the Global Economy	
<b>American Politics Core</b>		<b>6</b>
GOV 310	American Political Development I	
GOV 311	American Political Development II	
<b>Federal Government Institutions</b>		<b>3</b>
Select one course from the following:		
GOV 331	The American Presidency	
GOV 411	Constitutional Law of the United States	
<b>American Political Theory</b>		<b>3</b>
Select one course from the following:		
GOV 392	Modern Political Thought	
GOV 434	Statesmanship of Lincoln	
GOV 440	American Political Thought	
<b>Policy and Regional Politics</b>		<b>3</b>
Select one course from the following:		
GOV 320	Leadership & Globalization in South Carolina	
GOV 330	South Carolina Politics	
GOV 333	Southern Politics	
GOV 335	African American Politics	
GOV 345	Health Care Policy & Administration	
ENVS 312	Problems in US Environmental Policy	
<b>Electives</b>		<b>6</b>
Select 6 credit hours from GOV and/or INTL at the 300- and 400-level and INTL 260		
<b>Total Hours</b>		<b>30</b>

## Requirements for the Major in Government with a Concentration in Political Theory

In the Government major with a Concentration in Political Theory, students will read and master the fundamental works of the western

political tradition—works that were formative in the education of the American founders. Students will also study statesmanship, in which leaders are challenged to preserve democracy in periods of extreme crisis, will learn how poetry and literature can convey political wisdom, and will explore contemporary debates in political theory. This concentration is excellent preparation for public life, for graduate study in law, political science or other fields, and for well-lived private lives.

Course	Title	Hours
<b>Required Major Courses</b>		<b>6</b>
GOV 202	Foundations of American Politics	
INTL 203	Foundations of World Politics	
<b>America in the World</b>		<b>3</b>
Select one course from the following:		
INTL 260	Comparing States & Societies	
INTL 420	American Foreign Policy	
INTL 425	America & the Global Economy	
<b>Political Theory Core</b>		<b>6</b>
GOV 391	Classical Political Thought	
GOV 392	Modern Political Thought	
<b>Political Theory Electives</b>		<b>9</b>
Select three courses from the following:		
GOV 434	Statesmanship of Lincoln	
GOV 436	Statesmanship of Winston Churchill	
GOV 437	Politics and Literature	
GOV 440	American Political Thought	
GOV 495	Advanced Topics in Political Theory	
<b>Electives</b>		<b>6</b>
Select 6 credit hours from GOV and/or INTL at the 300- and 400-level and INTL 260		
<b>Total Hours</b>		<b>30</b>

## Requirements for the Major in International Affairs

The major in International Affairs offers students the opportunity to combine essential global learning with personalized, real-world experience. Students will take in-depth courses in global civil society, national security, foreign policy, at least one world region, and America in the world. If they also pursue another Wofford credential that reflects their aspirations for global engagement, they will then have the option to tie together the International Affairs Major and this paired program with a Global Linking Experience such as a semester abroad or a relevant internship.

Combined with recommended travel and language opportunities, the International Affairs Major and optional Global Linking Experience can provide students with powerful preparation for a life and career of constructive interaction with a rapidly changing world.

Course	Title	Hours
<b>Required Major Courses</b>		<b>9</b>
GOV 202	Foundations of American Politics	
INTL 203	Foundations of World Politics	
INTL 477	Senior Seminar	
<b>America in the World</b>		<b>6</b>
Select two course from the following:		

INTL 260	Comparing States & Societies	
INTL 420	American Foreign Policy	
INTL 425	America & the Global Economy	
<b>Regional Politics</b>		<b>3</b>
Select one course from the following:		
INTL 360	European Politics	
INTL 361	Middle East Politics	
INTL 362	China: Politics, Economy and Foreign Relations	
INTL 363	African Politics	
INTL 364	Russia & Its Neighbors	
<b>National Security and Grand Strategy</b>		<b>3</b>
Select one course from the following:		
GOV 436	Statesmanship of Winston Churchill	
INTL 381	The Bomb: Nuclear Weapons Past, Present and Future	
INTL 383	Revolutions & Regime Change	
INTL 385	Spengler: Decline of the West	
INTL 421	International Conflict	
<b>Global Governance and Civil Society</b>		<b>3</b>
Select one course from the following:		
GOV 320	Leadership & Globalization in South Carolina	
INTL 382	Global Issues	
INTL 422	Empire	
INTL 423	NGOs in World Politics	
INTL 424	Politics of the United Nations	
<b>Electives</b>		<b>6</b>
Select 6 credit hours from GOV and/or INTL at the 300- and 400-level		
<b>Total Hours</b>		<b>30</b>

The Department of Government & International Affairs strongly recommends that each student majoring in International Affairs completes the following in addition to the major requirements:

1. Study abroad for a semester or summer abroad, or a travel Interim; and
2. Study a modern language through the 202-level, or test at the Intermediate Low proficiency level on the ACTFL Oral Proficiency Interview.

## Optional Global Linking Experience

Today, every field and institution of human endeavor is increasingly influenced by global forces. Therefore, a student of International Affairs is well-advised to gain another field of specialization. Many of Wofford's minors and programs, or an additional major, are well suited to be such a paired program. The Global Linking Experience is available for students to tie together their International Affairs Major with a paired program through experience, reflection and documentation.

The Global Linking Experience requires students majoring in International Affairs who chooses to pursue it to:

1. Experience: undertake either a semester abroad or a relevant internship that is related to both International Affairs and to the selected paired program. In exceptional circumstances, the

International Affairs Coordinator may approve alternative projects as fulfilling this requirement;

2. Document: document in written or other media the experience itself, and the links it reveals between International Affairs and the paired program, as part of the Senior Seminar. This documentation may also be useful for job or graduate school applications.;

The plan for an optional paired program and Global Linking Experience should be reported to, and approved by, the International Affairs Major Coordinator by the end of a student's junior year. Each student's Global Linking Experience will be evaluated and documented as part of their Senior Seminar. Students who choose not to do the Global Linking Experience will complete a different assignment in the Senior Seminar.

## Requirements for the Minor in Government

Course	Title	Hours
<b>Required Course</b>		<b>3</b>
GOV 202	Foundations of American Politics	
<b>Government Electives</b> <sup>1</sup>		<b>15</b>
Select an additional 15 credit hours of Government (GOV) courses		
<b>Total Hours</b>		<b>18</b>

## Requirements for the Minor in International Affairs

Course	Title	Hours
<b>Required Course</b>		<b>3</b>
INTL 203	Foundations of World Politics	
<b>International Affairs Electives</b> <sup>2</sup>		<b>15</b>
Select an additional 15 credit hours of International Affairs (INTL) courses		
<b>Total Hours</b>		<b>18</b>

<sup>1</sup> One INTL course may be applied to the Government minor. With the exception of GOV 202, courses taken in fulfillment of the Government minor may NOT also be applied to the International Affairs major or minor.

<sup>2</sup> One GOV course may be applied to the International Affairs minor. With the exception of INTL 203, courses taken in fulfillment of the International Affairs minor may NOT also be applied to the Government major or minor.

## Government (GOV)

### GOV 202. Foundations of American Politics. 3 Hours.

An introduction to American national government emphasizing constitutional principles and the historical development of institutions and processes.

### GOV 280. Selected Topics in Government. 1 to 4 Hours.

Selected topics in Government at the introductory or intermediate level.

### GOV 310. American Political Development I. 3 Hours.

This is the first in a two course series in American Political Development, a subfield of Political Science dedicated to analyzing and explaining key transformative changes in the American political system including citizenship, political institutions, and political parties and movements. American Political Development I examines this evolution from the Founding to the Era of Reconstruction.

### GOV 311. American Political Development II. 3 Hours.

This is the second in a two course series in American Political Development, a subfield of Political Science dedicated to analyzing and explaining key transformative changes in the American political system including citizenship, political institutions, and political parties and movements. American Political Development II examines this evolution from the Progressive Era (early 1900s) to today.

**Prerequisite:** GOV 310 with a minimum grade of D.

### GOV 320. Leadership & Globalization in South Carolina. 3 Hours.

Students will learn how South Carolina is shaped by its global connections of culture, work and politics, and how leaders in all these fields attempt to shape those forces and with what results. Students will integrate a wide range of encounters with leaders, experiences, readings, teachings, films and student projects.

### GOV 330. South Carolina Politics. 3 Hours.

This course will explore the political structure, political history and culture, and current issues in South Carolina.

### GOV 331. The American Presidency. 3 Hours.

An examination of the sources of and constraints on Presidential authority, of the roles of the President in the United States and the world, and of the organization of the office and its advisory institutions and its relations with Congress and the Judiciary.

### GOV 333. Southern Politics. 3 Hours.

This course examines the political culture, historical background, and current trends in the politics of the American South. The course consists of reading, discussion, lectures, and presentations by members of the seminar.

### GOV 335. African American Politics. 3 Hours.

American political life is defined by two fundamental commitments: democracy and the protection of individual rights. The most notable conflicts in our nation's history have been those where the desires of a majority impede the rights of a minority. This course examines the struggle of African Americans for equal rights by studying both the political and civil rights movements, and also the legal battles for racial equality in the courts.

### GOV 345. Health Care Policy & Administration. 3 Hours.

This course provides an overview of the U.S. health care system, its internal administration, and the evolution of federal and state policy. We focus on the political dynamics of public health care, and particularly on administration and policy formulation as it affects private insurers, Medicare and Medicaid, and changes wrought by the Patient Protection and Affordable Care Act. The course draws on lectures by experts in the public health sector and examines the growing body of administrative and public policy literature in this area. No disciplinary background is assumed, nor is any special familiarity with the field of health care required.

### GOV 380. Selected Topics in Government. 1 to 3 Hours.

Seminars on selected topics in Government offered on an occasional basis.

**GOV 391. Classical Political Thought. 3 Hours.**

A study of the political philosophy of the ancients through close reading and discussion of selected texts of the major authors.

**GOV 392. Modern Political Thought. 3 Hours.**

A study of the political philosophy of the moderns through close reading and discussion of selected texts of the major authors beginning with Machiavelli.

**GOV 411. Constitutional Law of the United States. 3 Hours.**

An overview of the major areas of American constitutional law emphasizing the reading and analysis of cases and the natural and common law background of the Constitution.

**GOV 434. Statesmanship of Lincoln. 3 Hours.**

A study of Abraham Lincoln's entire political career with the aim of coming to an informed critical judgment about his political prudence and moderation in preserving and improving American constitutional democracy.

**GOV 436. Statesmanship of Winston Churchill. 3 Hours.**

A study of statesmanship through the career of Winston S. Churchill.

**GOV 437. Politics and Literature. 3 Hours.**

The teachings of the greatest poets about politics.

**GOV 440. American Political Thought. 3 Hours.**

An examination of the origin and development of major American political ideas as revealed in political essays, letters, and novels.

**GOV 450. Senior Directed Study. 1 to 3 Hours.**

Intensive guided study and research on selected topics in any field of political science. The instructor, in consultation with the student, will establish the subject for study and the requirements. Enrollment normally is limited to seniors majoring in Government who are of high academic standing.

**GOV 470. Independent Study in Government. 1 to 3 Hours.**

Independent study of selected topics in government at an advanced level. Specific topics vary from semester to semester.

**GOV 480. Advanced Topics in American Government. 1 to 4 Hours.**

Selected topics in the functions, policies, organization, and theory of American government. Subject matter varies.

**GOV 495. Advanced Topics in Political Theory. 1 to 4 Hours.**

Selected topics in political theory. Subject may vary from semester to semester.

**GOV 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## International Affairs (INTL)

**INTL 203. Foundations of World Politics. 3 Hours.**

A historical, philosophical, and topical foundation in international relations and comparative politics, and an introduction to essential research skills.

**INTL 260. Comparing States & Societies. 3 Hours.**

An examination of the major questions in comparative politics. Emphasis is placed on the political systems and unique histories and economic situations of Iran, China, India, Nigeria, and Russia. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**INTL 280. Selected Topics in International Affairs. 1 to 4 Hours.**

Selected topics in international affairs at the introductory or intermediate level.

**INTL 360. European Politics. 3 Hours.**

A study of the politics of selected European states in historical perspective. Other topics in European politics may also be covered.

**INTL 361. Middle East Politics. 3 Hours.**

A study of the contemporary politics of the Middle East, including domestic politics, foreign relations, the role of oil, the origins and impact of terrorism, and the dramatic encounter of cultures in the region. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**INTL 362. China: Politics, Economy and Foreign Relations. 3 Hours.**

A survey of the rise of modern China as a major power, with particular emphasis on its politics, economy, and foreign relations. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**INTL 363. African Politics. 3 Hours.**

Explores the internal and international politics of sub-Saharan Africa within its rich cultural, economic, humanitarian, and historical contexts, and also addresses special issues such as failed states, humanitarian intervention, HIV/AIDS and other health issues, and demographic trends specific to Africa. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**INTL 364. Russia & Its Neighbors. 3 Hours.**

This course will examine the politics, economics, and foreign policy of Russia and other postcommunist states in Central Asia and Europe. The class will investigate the relationship between Russia and its neighbors, the common experience of communism and postcommunism, and questions about democracy and authoritarianism. Along with studying Russia in detail, we will also examine cases of successful political and economic transition, cases of failed political transitions, and inconclusive cases.

**INTL 380. Selected Topics in International Affairs. 1 to 4 Hours.**

Seminars on selected topics in International Affairs offered on an occasional basis.

**INTL 381. The Bomb: Nuclear Weapons Past, Present and Future. 3 Hours.**

This course will provide a survey of the historical, development, deployment, spread and control of nuclear weapons worldwide, and will examine the evolving contemporary debate on their significance, potential uses, and the means for restraining their further proliferation.

**INTL 382. Global Issues. 3 Hours.**

A study of major global issues, such as Third World poverty, the population explosion, hunger in the poor countries and food consumption in the rich countries, energy use and supplies, environmental deterioration, the appropriate and inappropriate uses of technology, and alternative futures.

**INTL 383. Revolutions & Regime Change. 3 Hours.**

This class will examine the causes and effects of revolutions and regime transitions. In order to understand the complexities and nuances of revolutions and transitions, we will study cases from the 2011 Arab Spring and other regions, including East Europe, Asia, and Latin America. The multi-region approach allows for cross-cultural testing of the theories of regime change and a more nuanced investigation of the causes and consequences of major political, economic, and social change. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**INTL 385. Spengler: Decline of the West. 3 Hours.**

Develop a basic understanding of key events and aspects of world history through the lens of Oswald Spengler's philosophy of world history, politics, international relations, and the crisis of the West in world politics from World War I to the present.

**INTL 420. American Foreign Policy. 3 Hours.**

A study of the forces and factors involved in the formulation and implementation of contemporary United States policy.

**INTL 421. International Conflict. 3 Hours.**

A study of war and the use of force in international affairs with emphasis on the causes of international conflict.

**INTL 422. Empire. 3 Hours.**

A survey of the history, politics, and interaction of various modern empires in world politics. In addition, an inquiry into the debate about America as an empire.

**INTL 423. NGOs in World Politics. 3 Hours.**

An exploration of the changing roles and influence of non-governmental organizations (NGOs) in world politics, with case studies including human rights, hunger relief, environmentalism, population control, women's rights, democratization, peacemaking, and inter-religious dialogue.

**INTL 424. Politics of the United Nations. 3 Hours.**

A study of the evolution of the United Nations, its activities and impact, its use and misuse by member states and other actors, how both the world and the United States need the UN, and the potential for UN adaptation to change.

**INTL 425. America & the Global Economy. 3 Hours.**

This course provides a survey of the politics of the global economy with emphasis on historical developments, concepts, theoretical perspectives, institutions, and contemporary topics. Substantial emphasis is placed on America's role in the global economy, though other economic powers, including the European Union, China, Japan, and India are also examined.

**INTL 450. Senior Directed Study. 1 to 3 Hours.**

Intensive guided study and research on selected topics in any field of international affairs. The instructor, in consultation with the student, will establish the subject for study and the requirements. Enrollment normally is limited to seniors majoring in Government or International Affairs who are of high academic standing.

**INTL 470. Independent Study in International Affairs. 1 to 3 Hours.**

Independent study of selected topics in international affairs at an advanced level. Specific topics vary from semester to semester.

**INTL 477. Senior Seminar. 3 Hours.**

Required of all seniors majoring in International Affairs, this course will provide a discussion of selected theoretical and policy literature from international relations and/or comparative politics. It may also explore a particular theme in modern world affairs, which will vary from year to year. International Affairs majors who pursue the Global Linking Experience will evaluate and document it in a research or creative project, while other students will complete an alternative assignment.

**INTL 480. Advanced Topics in International Affairs. 1 to 4 Hours.**

Selected topics in international affairs at advanced level.

**INTL 490. Advanced Topics in International Affairs and Comparative Government. 1 to 4 Hours.**

Selected topics in international and comparative politics. Subject matter varies.

**INTL 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## History (HIST)

The Department of History offers both a major and minor in History. It also participates in a number of interdisciplinary majors, minors, and programs in coordination with other departments.

### Honors Courses

The Department of History encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

### Chair

Mark S. Byrnes

### Professors

Kenneth J. Banks  
Tracy J. Revels  
Anne B. Rodrick  
Timothy J. Schmitz  
Jessica Tomkins  
Clayton J. Whisnant

### Requirements for the Major in History

Course	Title	Hours
<b>American History Survey</b>		<b>3</b>
Select one of the following:		
HIST 111	History of the United States, 1607-1865	
HIST 112	History of the United States Since 1865	
<b>European History Survey</b>		<b>3</b>
Select one of the following:		
HIST 100	History of Ancient and Medieval Western Civilization to 1350	
HIST 101	History of Early Modern Western Civilization to 1815	
HIST 102	History of Modern Western Civilization Since 1815	
HIST 110	History of Science	
<b>Global History Survey</b>		<b>3</b>
Select one of the following:		
HIST 191	Modern Middle East	
HIST 192	Modern East Asia	
HIST 193	History of the Peoples of Sub-Saharan Africa	
HIST 196	Colonial Latin American History	
HIST 197	Modern Latin American History	
<b>Historiography<sup>1</sup></b>		<b>3</b>
HIST 260	Historiography and Research Methods	
<b>American History</b>		<b>6</b>

Select two of the following:

HIST 307	History of the American South to the Civil War
HIST 308	History of the American South since the Civil War
HIST 309	Early America and the Atlantic World to 1763
HIST 310	Era of the American Revolution, 1763-1800
HIST 311	Topics in American Social History
HIST 314	American Civil War
HIST 317	American Wests, 1750-1940
HIST 318	American Legal History
HIST 319	History of American Women
HIST 320	American Diplomatic History
HIST 321	African-American History to 1865
HIST 322	African-Am History since 1865
HIST 325	America Since 1945
HIST 469	World War II: A Global History

#### Early European History 3

Select one of the following:

HIST 333	Ancient Greece
HIST 334	Ancient Rome
HIST 335	Ancient Warfare
HIST 340	The Early and High Middle Ages (400-1200)
HIST 350	The Reformation and Counter Reformation (1400-1688)
HIST 351	Witchcraft and Magic in Early Modern Europe
HIST 360	Europe from Louis XIV to the French Revolution (1600-1800)
HIST 383	Tudor-Stuart Britain

#### Modern European History 3

Select one of the following:

HIST 370	Europe in the Age of Revolutions, 1789-1850
HIST 371	Europe in the Age of Anxieties, 1850-1914
HIST 378	Imperial Russia
HIST 380	Selected Topics in History
HIST 381	World War, Fascism, and Modernism: Western Europe, 1914-1945
HIST 382	Western Europe in the Age of the Superpowers, 1945-1991
HIST 384	Modern Britain
HIST 385	Women in European History
HIST 440	Modern Intellectual History
HIST 469	World War II: A Global History

#### Upper-Level Electives<sup>2</sup> 6

Select two additional History (HIST) course at the 300-level or higher

#### Visiting Jones Professor 3

HIST 460	Visiting Jones Professor: History of the United States
or HIST 465	Visiting Jones Professor: European and Non-Western History

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**Total Hours 33**

<sup>1</sup> Students should plan to complete HIST 260 during the spring semester of their sophomore year.

<sup>2</sup> PHIL 358, *Ancient Cosmology & Worldview*, may also be used an elective toward the History major.

## Requirements for the Minor in History

Course	Title	Hours
<b>Survey Requirement</b>		<b>6</b>

Select two survey courses, each must be from a different area

#### American History Survey

HIST 111	History of the United States, 1607-1865
HIST 112	History of the United States Since 1865

#### European History Survey

HIST 100	History of Ancient and Medieval Western Civilization to 1350
HIST 101	History of Early Modern Western Civilization to 1815
HIST 102	History of Modern Western Civilization Since 1815
HIST 110	History of Science

#### Global History Survey

HIST 191	Modern Middle East
HIST 192	Modern East Asia
HIST 193	History of the Peoples of Sub-Saharan Africa
HIST 196	Colonial Latin American History
HIST 197	Modern Latin American History

#### Area Specific Requirements

##### American History 3

Select one of the following:

HIST 307	History of the American South to the Civil War
HIST 308	History of the American South since the Civil War
HIST 309	Early America and the Atlantic World to 1763
HIST 310	Era of the American Revolution, 1763-1800
HIST 311	Topics in American Social History
HIST 314	American Civil War
HIST 317	American Wests, 1750-1940
HIST 318	American Legal History
HIST 319	History of American Women
HIST 320	American Diplomatic History
HIST 321	African-American History to 1865
HIST 322	African-Am History since 1865

HIST 325	America Since 1945	
HIST 469	World War II: A Global History	
HIST 470	Independent Study in United States History	
<b>European History</b>		<b>3</b>
Select one of the following:		
HIST 333	Ancient Greece	
HIST 334	Ancient Rome	
HIST 335	Ancient Warfare	
HIST 340	The Early and High Middle Ages (400-1200)	
HIST 350	The Reformation and Counter Reformation (1400-1688)	
HIST 351	Witchcraft and Magic in Early Modern Europe	
HIST 360	Europe from Louis XIV to the French Revolution (1600-1800)	
HIST 370	Europe in the Age of Revolutions, 1789-1850	
HIST 371	Europe in the Age of Anxieties, 1850-1914	
HIST 378	Imperial Russia	
HIST 380	Selected Topics in History	
HIST 381	World War, Fascism, and Modernism: Western Europe, 1914-1945	
HIST 382	Western Europe in the Age of the Superpowers, 1945-1991	
HIST 383	Tudor-Stuart Britain	
HIST 384	Modern Britain	
HIST 385	Women in European History	
HIST 440	Modern Intellectual History	
HIST 469	World War II: A Global History	
<b>Upper-Level Electives</b>		<b>6</b>
Select two additional History (HIST) courses at the 300-level or higher or PHIL 358		
<b>Total Hours</b>		<b>18</b>

**HIST 100. History of Ancient and Medieval Western Civilization to 1350. 3 Hours.**

A basic survey of Western Civilization from Antiquity to the Italian Renaissance.

**HIST 101. History of Early Modern Western Civilization to 1815. 3 Hours.**

A basic survey of Western Civilization from the Renaissance to 1815.

**HIST 102. History of Modern Western Civilization Since 1815. 3 Hours.**

A basic survey of Western Civilization since 1815.

**HIST 110. History of Science. 3 Hours.**

An introductory survey of the intellectual, social, economic, and political contexts in which science as field of study and as a source of authority developed from the ancient Greeks to the present.

**HIST 111. History of the United States, 1607-1865. 3 Hours.**

A basic survey of American history from the settlement at Jamestown to the surrender at Appomattox.

**HIST 112. History of the United States Since 1865. 3 Hours.**

A basic survey of American history from Reconstruction to the present.

**HIST 191. Modern Middle East. 3 Hours.**

A study of the Middle East, with special attention given to the 19th and 20th centuries. Major themes include Islam and traditional Middle Eastern society and culture, the impact of Western imperialism in the Middle East, and the effort to build strong and independent nations out of the remnants of the Ottoman, French, and British empires. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 192. Modern East Asia. 3 Hours.**

A survey of the history of East Asia since the beginning of the 19th century with particular attention given to Asia's encounter with the West. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 193. History of the Peoples of Sub-Saharan Africa. 3 Hours.**

Survey of African history from pre-history to present. Themes include the role of the environment; interactions of ethno-linguistic groups; African Diaspora; the impact of Islam and European imperialism on African peoples; and decolonization and state formation in the 20th century. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 196. Colonial Latin American History. 3 Hours.**

A study of the pre-Columbian and colonial eras of Latin American history examining the economic, political, and social aspects of colonial life, looking in particular at the adaptation of Spanish and Native American institutions to the new colonial reality. Study also includes the formation of ethnic and national identities between the 16th century conquest and the independence movements of the early 19th century. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 197. Modern Latin American History. 3 Hours.**

An examination of Latin American history since Independence focusing upon the continuing issues of ethnicity and race relations, as well as the impact of global capitalism on Latin America. Emphasis is also placed on rural and urban social movements, peasant rebellions, political developments, and the relations of Latin American nations with the United States. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 260. Historiography and Research Methods. 3 Hours.**

An introduction to the concept of historiography (i.e. the history of history) and guidance through selected schools of historical thought. The course also provides instruction in basic research methods, including technology-based research.

**HIST 280. Selected Topics in US History. 1 to 4 Hours.**

Selected topics in United States history at the introductory or intermediate level.

**HIST 307. History of the American South to the Civil War. 3 Hours.**

A cultural, economic, and social history of the South from 1820 to the Civil War.

**HIST 308. History of the American South since the Civil War. 3 Hours.**

A cultural, economic, and social history of the South since the Civil War.

**HIST 309. Early America and the Atlantic World to 1763. 3 Hours.**

An investigation of early North America from the late 16th century to the massive upheavals of the Seven Years' War ending in 1763. Students will analyze such topics as European-Native exchanges, colonial-era revolts, marginal economies such as smuggling and piracy, and indigenous and African enslavement in North America.



**HIST 310. Era of the American Revolution, 1763-1800. 3 Hours.**

The course emphasizes the social and intellectual dimensions of the Revolutionary era, from initial economic and political conflicts within the Empire, to the War for Independence and its impact in the Atlantic World, and the creation of a federal Constitution and a viable republic.

**HIST 311. Topics in American Social History. 3 Hours.**

Explorations in American society, thought, and culture.

**HIST 314. American Civil War. 3 Hours.**

A study of the Civil War years, 1861-1865.

**HIST 317. American Wests, 1750-1940. 3 Hours.**

A study of the overlapping and often conflicting diverse societies of western North America from c. 1750 to 1940. The course will explore how physical geography and climate - aridity in particular - influenced the rise and containment of Native empires, Spanish settlement, comparative economic frontiers and military expansionism, and the mythic West of Hollywood.

**HIST 318. American Legal History. 3 Hours.**

Introduction to landmark cases in American legal history and their social implications. Topics include heritage of English law, free speech, the Constitution and the Supreme Court, slavery and civil rights, gender and identity, the law and scientific enquiry, and terrorism.

**HIST 319. History of American Women. 3 Hours.**

An exploration of the experience of women in their public and private roles throughout American history.

**HIST 320. American Diplomatic History. 3 Hours.**

A history of American foreign policy from national independence to the status of international power, with particular focus on the 20th century.

**HIST 321. African-American History to 1865. 3 Hours.**

An in-depth exploration of the African-American experience from 1619-1865, with a focus on the institution of American slavery.

**HIST 322. African-Am History since 1865. 3 Hours.**

An examination of African-American history since 1865. This class places particular emphasis on the competing ideas within the African-American community regarding how best to deal with the continuing legacies of slavery and racism.

**HIST 325. America Since 1945. 3 Hours.**

An examination of the major trends of recent American history, from the end of World War II to the present. Among the major areas of attention are the origins and perpetuation of the Cold War competition with the Soviet Union and the subsequent rise of the national security state, the consolidation and expansion of the limited welfare state, the Civil Rights movement and the Women's movement, the Vietnam War and the social upheaval of the 1960s, the crisis of confidence of the 1970s, and the Reagan revolution of the 1980s.

**HIST 333. Ancient Greece. 3 Hours.**

A survey of the history, society, and culture of ancient Greece. The course begins with the Minoan and Mycenaean civilizations (c.3500-c.1100 BCE) and ends with the death of Alexander the Great in 323 BCE. Topics include Troy, the rise and fall of Athens and Sparta, the Persian wars, the Peloponnesian wars, the origins of democracy, and the rise of Alexander the Great.

**HIST 334. Ancient Rome. 3 Hours.**

A survey of the history and culture of ancient Rome. The course covers Rome's mythical foundation, the Roman Republic, the Roman empire, and the eventual fall of the Western Roman empire.

**HIST 335. Ancient Warfare. 3 Hours.**

An exploration of war in the ancient world and how ancient societies practiced warfare. Emphasis is placed on the critical study of ancient texts, art, and material culture to understand ancient battles, logistics, training, arms and armor, technology, recruitment, and cultural perceptions of war in ancient Mesopotamia, Egypt, Greece, and Rome.

**HIST 340. The Early and High Middle Ages (400-1200). 3 Hours.**

Beginning with the decline and fall of the Roman empire, an examination of the 'Dark Ages' of the early medieval period and the Christianization of Western Europe after the fall of Rome. The course also looks at the Carolingian empire, Islamic Spain, Viking expansion, the Norman conquest of England, the culture of the High Middle Ages, and the so-called 'twelfth-century renaissance.'

**HIST 350. The Reformation and Counter Reformation (1400-1688). 3 Hours.**

An examination of the social, political, and religious causes of the Reformation in the 16th century. The course focuses as well on the changes made to European Christendom during the Reformation era and on the similarities and differences among different sects. Emphasis is placed on the reform of the existing church as both a self-motivated Catholic Reformation and as a response to Protestantism.

**HIST 351. Witchcraft and Magic in Early Modern Europe. 3 Hours.**

A study of the intellectual and cultural origins of the European Witch Craze of the sixteenth century. The course will focus on changing views of witchcraft and folk belief during the sixteenth century and examine how attitudes toward witchcraft continued to change throughout the early modern period in the context of the Reformation, Catholic Reformation and Enlightenment.

**HIST 360. Europe from Louis XIV to the French Revolution (1600-1800). 3 Hours.**

Focusing chiefly on France, a study of European society between 1600 and 1799, with emphasis on social and political developments, in particular the rise of absolute monarchy and the modern state. In addition, study includes the so-called Scientific Revolution and the intellectual culture of the Enlightenment, as well as the economic, social, and political crises that preceded the French Revolution. The end of the course focuses on the French Revolution itself.

**HIST 370. Europe in the Age of Revolutions, 1789-1850. 3 Hours.**

A survey of the revolutions in Europe, beginning with the French Revolution and continuing through the revolutionary movements of 1848-50. This course addresses the political, social, economic, and cultural pressures both leading to and resulting from revolutions.

**HIST 371. Europe in the Age of Anxieties, 1850-1914. 3 Hours.**

A survey of the pressing cultural and social issues of Europe after the end of the revolutionary period covered in History 370. Major themes include the effects of Darwinian science, the growth of empire, changes in gender roles, and the rise of mass culture.

**HIST 378. Imperial Russia. 3 Hours.**

A survey of the growth of modern Russia, both geographically and politically. Beginning with the westernization of Russia under Peter the Great, this course reviews the social and political transformation of the country in the 18th and 19th centuries. The ultimate goal is to examine explanations for the Communist Revolution of 1917.

**HIST 379. The End of Europe? The EU in the 21st Century. 3 Hours.**

Examines the factors and motives leading to the founding of the EU and charts its development over the years, culminating with the centrifugal forces that could lead to a drastic remodeling of the European Union or even its complete dissolution. Topics include: the importance of merging European countries into ever closer union as a factor in Europe's post WW II development, world financial crisis of 2009, immigration and refugee situations, the rise of nationalism, the Brexit-shock and the Covid-19 pandemic. This course is taught as part of the Wofford study abroad program at Freiburg.

**HIST 380. Selected Topics in History. 1 to 4 Hours.**

Selected problems, periods or trends for intensive study and reading.

**HIST 381. World War, Fascism, and Modernism: Western Europe, 1914-1945. 3 Hours.**

A survey of the crucial events that defined the 20th century for Europe and the rest of the world. This course examines the origins and effects of World War I, the nature of fascism as it developed in Italy and Germany, and the different meanings of modernism and modernity as it developed in this period. It then turns to the "crisis of democracy" that emerged with the Great Depression that eventually yielded another world war along with the Holocaust.

**HIST 382. Western Europe in the Age of the Superpowers, 1945-1991. 3 Hours.**

A survey of Western Europe in the half century after World War II, with attention to the Cold War, the welfare state, decolonization, youth rebellion, and the development of the European Union.

**HIST 383. Tudor-Stuart Britain. 3 Hours.**

A survey of the major political, social, and religious upheavals in England and Scotland during this period, focusing on the establishment of parliamentary monarchy and the break from the Catholic Church.

**HIST 384. Modern Britain. 3 Hours.**

A survey of the emergence of Britain as an island empire, covering the period of 1715 to the present. Major themes include the transfer of political power from monarchy to parliament, the growth of class society, the development of imperial identity, and the loss of international power after the two world wars.

**HIST 385. Women in European History. 3 Hours.**

A survey of the changing models of female and male identity in Europe since approximately 1500, including the development of both 'separate sphere' ideologies and various suffrage movements.

**HIST 394. History of Slavery & Slave Societies. 3 Hours.**

An introduction to the slave trades, varieties of enslavement, and major slave societies around the globe from the Ancient Mediterranean to the persistence of human trafficking into the 21st century. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 398. Iran: Its History, Culture & Politics. 3 Hours.**

Survey of the major eras of Iranian history, beginning with the Achaeminid Empire of Cyrus the Great and the Parthian and Sassanian Empires, those two great rivals of the Roman Empire. Special attention will be given to the Islamic and modern eras, with a goal of understanding the significance of Shi'i Islam for the nation, the challenges of modernization faced by the country in the nineteenth and twentieth century, and the impact of the 1979 Revolution. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 401. Ancient Egyptian History, Prehistory-1550 BC. 3 Hours.**

A survey of the first half of the history and culture of ancient Egypt, from its prehistoric beginnings to the end of the Second Intermediate Period when Egypt was divided. Major historical themes include state formation, kingship and power, civil war, and state use of religion. Additional topics include: pyramid building, the invention of hieroglyphic writing, and the golden age of Egyptian literature. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 402. Ancient Egyptian History, c.1550-30 BCE. 3 Hours.**

A survey of the second half of the history and culture of ancient Egypt, from the Second Intermediate Period to the death of Cleopatra, the last pharaoh to reign from Egypt. Topics include: Egypt's transition into a superpower, its decline, and subsequent move into the wider multicultural and multiethnic world of the 1st Millennium BCE. The political role of women and religion (including the world's first monotheistic religion), and the famed reigns of Tutankhamun, Cleopatra, Ramesses the Great, and the female king Hatshepsut will be covered. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 440. Modern Intellectual History. 3 Hours.**

A survey of the most important themes in intellectual history since the end of the 19th century. The focus of the course will be such important bodies of thought as positivism, Marxism, psychoanalysis, existentialism, and poststructuralism. This course serves as a core course of the gender studies program, and so special attention will be paid to feminist thought and gender analysis.

**HIST 460. Visiting Jones Professor: History of the United States. 3 Hours.****HIST 465. Visiting Jones Professor: European and Non-Western History. 3 Hours.****HIST 469. World War II: A Global History. 3 Hours.**

An examination of the Second World War as a global phenomenon, with special attention paid to its impact on Europe, the United States, and Japan.

**HIST 470. Independent Study in United States History. 3 Hours.**

Creation and research of a project of special interest focused on US history. Such projects need to be approved by the instructor at least six weeks prior to registration. After approval of the topic, the student is will engage in general bibliographical study, to participate in conferences with the instructor, to report on reading, and to produce papers as directed by the instructor.

**HIST 475. Independent Study in European or Non-Western History. 3 Hours.**

Creation and research of a project of special interest focused on European or non-Western history. Such projects to be approved by the instructor at least six weeks prior to registration. After approval of the topic, the student is will engage in general bibliographical study, to participate in conferences with the instructor, to report on reading, and to produce papers as directed by the instructor.

**HIST 480. Advanced Seminar in United States History. 1 to 4 Hours.**

Selected problems, periods, or trends for intensive study and extensive reading.

**HIST 490. Advanced Seminar in European and non-Western History. 3 Hours.**

A seminar on selected problems, periods or trends for extensive reading, discussion, and writing in a seminar format.

**HIST 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Humanities (HUM)

The Humanities major is an interdisciplinary study that combines courses offered in the following disciplines: Art History, English, Modern Languages, Literatures, and Cultures, History, Philosophy, Religion and Theater. It offers students the opportunity to design their own major, but it also requires extra initiative to do so. Students considering this major should understand that it is not intended for those who simply have a broad interest in the humanities; such students should major in one of the humanities departments and take electives in the others. The Humanities major is meant to study specific disciplines and then incorporate them into a final capstone/project. Any student interested in this major should contact the coordinator to discuss the suitability of the major for the student's interests and will assist in selecting faculty members who might appropriately serve as a committee to direct the major

### Coordinator

Anne B. Rodrick, History

## Requirements for the Major in Humanities

Course	Title	Hours
<b>Required Major Courses</b>		<b>7</b>
HUM 260	Research Methods in the Humanities	
HUM 469	Developing the Capstone Proposal	
HUM 470	Capstone	
<b>Upper-Level Electives</b> <sup>1</sup>		<b>24</b>
Select eight courses at the 300 or 400-level from at least three humanities departments (ARTH, ARTS, ENGL, FREN, GER, HIST, HUM, PHIL, REL, SPAN, THEA)		
<b>Total Hours</b>		<b>31</b>

<sup>1</sup> The eight courses must be specifically approved by the Humanities Coordinator. Other courses outside of the areas listed may be used to fulfill this requirement if they have a strong humanities component (for example, certain courses in Environmental Studies) with prior approval from the Coordinator.

## Order and Timing of Courses

Students should take HUM 260 Research Methods in the Humanities the spring semester of their sophomore year, if possible. It is offered every spring.

Students must complete HUM 469 Developing the Capstone Proposal in the fall semester prior to starting their Capstone.

Students should take HUM 470 Capstone during the spring semester of the senior year. The 500-level honors course (a six-hour senior honors project) with the same interdepartmental structure may substitute for the Capstone course. The Capstone requires students to integrate topics from the various departments in which they completed the courses for the

major. A faculty member from each of those departments will supervise and evaluate the Capstone. Additionally, one of those faculty members will serve as chair and the primary supervisor for the Capstone.

**HUM 250. Globalization & Change in the American South. 3 Hours.**

An interdisciplinary course in which students will engage the American South in its current and historically analogous global linkages. These linkages generate rapid change, frustrating stasis, and profound human drama. Prominent themes include: im/migration (in, out, white, black and other), work, land, politics, war and culture. Students will integrate a wide range of encounters and experiences, readings, teachings, films and student projects. Must be taken in conjunction with GOV 320.

**Corequisite:** GOV 320.

**HUM 260. Research Methods in the Humanities. 3 Hours.**

Explore a variety of disciplines within the humanities and learn the skills and approaches necessary to complete multidisciplinary or interdisciplinary work a major or interdisciplinary program. Explore tools used in different disciplines and learn to evaluate primary and secondary sources and employ modes of discipline appropriate analysis. Gain experience in designing and completing a multidisciplinary writing project.

**HUM 280. Selected Topics in Humanities. 1 to 4 Hours.**

Selected topics in Humanities at the introductory or intermediate level.

**HUM 300. Understanding Civic Engagement. 3 Hours.**

This sophomore-level seminar will help students explore and understand their relationships with the communities - local, national, and global - in which they live. Students will learn about the many types of civic engagement possible in the modern world. They will become familiar with past debates over civic engagement and change; they will develop skills in understanding and acting upon the multiple complex messages of change and engagement in today's world; and they will gain a fuller understanding of participatory democracy and civic literacy through a variety of class projects.

**HUM 350. Junior Humanities Seminar: Civic Engagement in Practice. 3 Hours.**

This junior level seminar helps students explore and understand their relationships with the communities - local, national and global - in which they live. Students will learn about the many types of civic engagement and change; develop skills in understanding and acting upon the multiple complex messages of change and engagement in today's world; and gain a fuller understanding of participatory democracy and civic literacy through a variety of class projects.

**HUM 469. Developing the Capstone Proposal. 1 Hour.**

A seminar course required of all Humanities majors in the semester preceding their capstone project. Weekly meetings with the instructor and with library faculty will guide students through the process of developing a detailed capstone proposal for HUM 470. Proposal development will be a group process involving critical discussion and peer review. By the end of the seminar, each student will have a finished proposal to include a preliminary thesis statement, an annotated bibliography, and a brief essay on their proposed project. This is a required prerequisite for HUM 470.

**Prerequisite:** HUM 260 with a minimum grade of C.

**HUM 470. Capstone. 3 Hours.**

A study of some specific topic which integrates and focuses course work a student has done in the humanities major. Normally it is directed by the committee which guided the student's major. Open only to seniors majoring in Humanities. Offered every year.

**Prerequisite:** HUM 469 with a minimum grade of D.

**HUM 475. Independent Study in Interdisciplinary Learning Communities. 3 Hours.**

This course provides an opportunity for students to revisit, in a larger interdisciplinary context, values and issues questions derived from their experience in previous humanities classes. Students will work with faculty in the development and implementation of interdisciplinary learning communities; they will facilitate classroom discussions, aid in preparing and analyzing evaluation materials, and produce a substantial final project reflecting on their experience.

**HUM 480. Advanced Topics in Humanities. 1 to 4 Hours.**

Study of significant ideas, issues, or themes using a multidisciplinary approach pursued through a variety of media. May be offered by any member of the humanities faculty, subject to the approval of the Coordinator. Not open to freshmen. Topics and prerequisites vary.

**HUM 495. Presidential Seminar. 1 to 3 Hours.**

This seminar was conceived as both a capstone experience in the liberal arts and in recognition of graduating seniors distinguished for their academic achievement and their contributions to the college community. Participants, nominated by their departments and selected by Wofford's president, become part of a semester-long colloquium involving not only themselves and that of two moderators, but various Wofford faculty members, alumni, and friends of the college are invited to join individual sessions.

## Intercultural Studies (ICS)

The Intercultural Studies major offers students the opportunity to design an interdepartmental major in international studies. The major is intended primarily for students whose interests lie in the study of cultures outside Europe and North America and whose undergraduate academic goals cannot be achieved through majors in the traditional academic departments. Students will create their own curriculum around a particular geographical region and a relevant research theme. In order to declare a major in Intercultural Studies, a student must:

1. Earn a minimum 3.0 GPA requirement **OR** submit recommendations from three faculty members each from a different department
2. Meet with the Coordinator before the beginning of their junior year to discuss a region and a topic of focus
3. Propose a two-year course plan for approval by the Coordinator

### Coordinator

Kimberly A. Rostan, English

### Requirements for the Major in Intercultural Studies

#### Prerequisites for the Major

A 3.0 cumulative grade-point average for at least three semesters **OR** the recommendation of three faculty members from different departments.

#### Major Requirements

Thirty-three credit hours at the 300- and 400-level from appropriate departments or from international programs specifically approved by the major coordinator. Normally, courses will be selected from the offerings in Anthropology, Economics, English, Fine Arts, Modern Languages, Literatures, and Cultures, Government, History, Humanities, Religion, and Sociology. The student may include one methods course numbered at the 200- level from an appropriate discipline, if relevant. The major

also requires a capstone experience, which may be completed by participating in an existing capstone course in an appropriate discipline, or by completing ICS 470 Independent Study. The capstone experience should be taken during the senior year (normally in the spring semester) and should integrate work from the various departments.

**ICS 280. Selected Topics in Intercultural Studies. 0 to 4 Hours.**

Selected topics in Intercultural Studies at the introductory or intermediate level.

**ICS 470. Independent Study. 1 to 4 Hours.**

A course in which the student pursues independently, under the guidance of a member of the department, a specific topic of interest.

**ICS 475. Presidential Scholarship. 1 to 15 Hours.**

Selected by the President of the college, the recipient(s), known as the Presidential International Scholar and Presidential Global Studies Scholar(s), is/are expected to plan a program of research and experience in the developing world. This special opportunity is intended to expose students to diverse world cultures and some of the problems which define the contemporary world. Instructor permission required.

**ICS 480. Advanced Topics in Intercultural Studies. 0 to 4 Hours.**

Selected topics in Intercultural Studies at the advanced level.

**ICS 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Internships (INTR)

Students seeking to register for INTR 301 Internship, Apprentice Program must first meet or email with the course coordinator. To join the course, students must go to Handshake, choose Experiences from the pull down menu, and submit all information requested including a written letter detailing their work placement, objectives, dates and hours. Students will be prompted throughout the semester to submit reflections based on their work. At the end of the internship, a second letter must be submitted confirming the student's successful completion of all internship requirements. At that point, a grade will be entered by the course coordinator.

### Coordinator

P. Curt McPhail, Career Center

**INTR 301. Internship, Apprentice Program. 1 to 4 Hours.**

Offered as an option within the Apprenticeship Program, this class enables students to earn between one and four credit hours for an internship experience. Students will secure their own internship and the credit hours earned are based on the hours worked per week. A student may take the course multiple times, but cannot exceed more than four total credit hours earned. This course is open to all class years and is offered fall, spring, and summer. Instructor permission is required.

## Latin American and Caribbean Studies (LACS)

The Latin American and Caribbean Studies program offers an integrated interdisciplinary approach to the historical, political, social, and cultural interrelationships of the nations and peoples of our hemisphere. The

program in Latin American and Caribbean Studies is not a major. Courses applied toward requirement for Latin American and Caribbean Studies also may be counted for other programs, majors or minors.

## Coordinator

Camille L. Bethea, Modern Languages, Literatures, and Cultures

## Program Requirements

The Latin American and Caribbean Studies program requires a minimum of 20 credit hours of course work.

Course	Title	Hours
<b>Required Courses</b>		<b>11</b>
LACS 320	Americas Seminar I	
LACS 321	Americas Seminar II	
LACS 420	Advanced Projects Based Learning	
<b>Language Electives</b>		<b>3</b>
Select one of the following:		
FREN 306	The Francophone World: Global South	
SPAN 305	Cultures of Latin America	
SPAN 309	Building Linguistic and Cultural Competence Through Oral Texts	
SPAN 412	Narrative Fiction in Spanish	
SPAN 416	Interdisciplinary Ibero-American Cultural Studies	
<b>Electives</b>		<b>6</b>
Select two of the following (or other courses as approved by the Program Coordinator):		
BIO 382	Ecology (with lab)	
BIO 493	Case Studies in Public Health	
BIO 497	Case Studies in Environmental Issues	
ECO 333	Environmental Economics	
ECO 410	International Economics	
ECO 441	Comparative Economic Systems	
ENGL 339	Race, Gender, and Empire	
FIN 440	International Finance	
HIST 196	Colonial Latin American History	
HIST 197	Modern Latin American History	
HIST 320	American Diplomatic History	
INTL 382	Global Issues	
INTL 420	American Foreign Policy	
INTL 421	International Conflict	
INTL 423	NGOs in World Politics	
<b>Total Hours</b>		<b>20</b>

### LACS 280. Selected Topics in Latin American & Caribbean Studies. 1 to 4 Hours.

Selected topics in Latin American & Caribbean Studies at the introductory or intermediate level.

### LACS 320. Americas Seminar I. 4 Hours.

An interdisciplinary seminar focusing on the historical, political, social, and cultural interrelationships of the nations in our hemisphere. It concentrates on the historical and cultural foundations of Latin America and the Caribbean and explores the topics of race and identity, rural and urban life, authoritarianism and democracy, and national development. The course is conducted in English. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

### LACS 321. Americas Seminar II. 4 Hours.

An interdisciplinary seminar focusing on the historical, political, social, and cultural interrelationships of the nations in our hemisphere. It concentrates on Latin American women, revolution, problems of sovereignty, and the Latin American and Caribbean presence in the United States. The course is conducted in English and may be taken independently of 320. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

### LACS 420. Advanced Projects Based Learning. 3 Hours.

Students apply their knowledge, skills, and experiences in Ibero-American cultural contexts to collaborative, projects-based endeavors that require translingual and transcultural competence.

**Prerequisite:** SPAN 308 with a minimum grade of C.

### LACS 480. Advanced Topics in Latin American & Caribbean Studies. 1 to 4 Hours.

Selected topics in Latin American & Caribbean Studies at the advanced level.

## Liberal Arts Studies

All new first-year students are required to take LIBA 101, a liberal arts seminar introducing them to college-level study, during the first semester of enrollment. This small-group seminar helps students develop four capacities that are essential for students transitioning to college: growth mindset; identity and perspective; critical reasoning; and academic reading and writing. Topics of sections vary by instructor.

## Coordinator

Christine S. Dinkins, Philosophy

### LIBA 101. Liberal Arts Seminar. 3 Hours.

Emphasizes the development of four key capacities that are essential for students transitioning to college: growth mindset; identity and perspective; critical reasoning; and academic reading and writing. Topics of sections vary by instructor, but each includes exploration in the development of intelligence; the ways that values and place shape perspective; the discernment of evidence and the arrival at logical conclusions; and college-level reading and writing within disciplinary-specific genres. This small-group seminar is required of all entering first-year students.

## Mathematics (MATH)

The department offers a major in Mathematics, a major in Mathematics with a Concentration in Applied Mathematics, a major in Mathematics with a Concentration in Pure Mathematics, and a minor in Mathematics. Students completing the major in Mathematics may qualify for the BA degree or the BS degree, depending upon how they fulfill the major requirements. Those who want the flexibility to explore a wide variety of mathematical ideas should select the major in Mathematics which will lead to the Bachelor of Arts degree. Students wanting

a greater depth of knowledge in either the area of applied or pure mathematics can complete one of those concentration which will fulfill the requirements necessary for the Bachelor of Science. The Applied Concentration requires an additional focus area of like Accounting, Biology, Economics, etc. while the Pure Concentration emphasizes the theoretical aspects of the field. Additionally, students majoring in Mathematics may obtain an Emphasis in Computational Science (<http://catalog.wofford.edu/courses-programs-departments/computer-science/#emphasisrequirements>). This interdisciplinary field applies computer science and mathematics to the sciences.

## Honors Courses

The Department of Mathematics encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

## Chair

Joseph A. Spivey

## Professors

Matthew E. Cathey

Anne J. Catllá

Deidra A. Coleman

Rachel E. Grotheer

Charlotte A. Knotts-Zides

Brian J. Pigott

Thomas J. Wright

## Requirements for the Major in Mathematics, Bachelor of Arts

Course	Title	Hours
<b>Corequisite</b>		
COSC 235	Programming & Problem Solving	
<b>Required Major Courses</b>		<b>15</b>
MATH 181	Calculus I	
MATH 182	Calculus II	
MATH 210	Multivariable Calculus	
MATH 220	Linear Algebra	
MATH 260	Introduction to Mathematical Proof	
<b>Pure Math Elective</b>		<b>3</b>
Select one course from the following:		
MATH 415	Topology	
MATH 431	Abstract Algebra I	
MATH 439	Elementary Number Theory	
MATH 441	Mathematical Analysis I	
MATH 448	Functions of a Complex Variable	
<b>400-Level Electives</b>		<b>6</b>
Select 6 credit hours in MATH at 400-level		
<b>Electives</b>		<b>9</b>
Select 9 credit hours at the 200-level or above		
<b>Total Hours</b>		<b>33</b>

## Requirements for the Major in Mathematics with a Concentration in Applied Mathematics, Bachelor of Science

Course	Title	Hours
<b>Corequisite</b> <sup>1</sup>		
COSC 235	Programming & Problem Solving	
<b>Required Major Courses</b>		<b>21</b>
MATH 181	Calculus I	
MATH 182	Calculus II	
MATH 210	Multivariable Calculus	
MATH 220	Linear Algebra	
MATH 260	Introduction to Mathematical Proof	
<b>Applied Math Courses</b> <sup>1</sup>		
MATH 201	Modeling & Simulation	
or MATH 320	Mathematical Modeling	
MATH 240	Ordinary Differential Equations	
<b>Upper-Level Electives</b>		<b>9</b>
Select three courses from the following:		
MATH 330	Numerical Methods	
MATH 421	Probability and Statistics I	
MATH 422	Probability and Statistics II	
MATH 424	Advanced Game Theory	
MATH 431	Abstract Algebra I	
MATH 441	Mathematical Analysis I	
MATH 445	Nonlinear Dynamics and Chaos Theory	
MATH 446	Partial Differential Equations	
<b>Electives</b>		<b>6</b>
Select 6 credit hours in MATH at the 200-level or higher.		
<b>Research</b>		
Each student must complete a summer research project, a semester of independent research, or an honors course. This requires the prior approval of the Applied Math Coordinator.		
<b>Area of Application</b> <sup>2</sup>		
Each student must choose an area of application (Accounting, Finance, Biology, Chemistry, Computer Science, Economics, Environmental Studies, Philosophy, Physics or Psychology). See Applied Math Coordinator for specific course options.		
<b>Total Hours</b>		<b>36</b>

<sup>1</sup> The total number of credit hours for the Major with the Applied Math Concentration is 36-39 depending on the the number of research hours earned; this does NOT include the hours associated with the Co-requisite or the Area of Application.

<sup>2</sup> Or other courses as approved by the Coordinator of Applied Math.

## Requirements for the Major in Mathematics with a Concentration in Pure Mathematics, Bachelor of Science

Course	Title	Hours
<b>Corequisite</b> <sup>3</sup>		
COSC 235	Programming & Problem Solving	
<b>Required Major Courses</b>		<b>15</b>
MATH 181	Calculus I	
MATH 182	Calculus II	
MATH 210	Multivariable Calculus	
MATH 220	Linear Algebra	
MATH 260	Introduction to Mathematical Proof	
<b>Abstract &amp; Analysis Electives</b> <sup>4</sup>		<b>9</b>
Select three courses from the following:		
MATH 431	Abstract Algebra I	
MATH 432	Abstract Algebra II	
MATH 441	Mathematical Analysis I	
MATH 442	Mathematical Analysis II	
<b>Applied Math Electives</b> <sup>4</sup>		<b>6</b>
Select two courses from the following:		
MATH 201	Modeling & Simulation	
MATH 212	Vector Calculus	
MATH 240	Ordinary Differential Equations	
MATH 320	Mathematical Modeling	
MATH 330	Numerical Methods	
MATH 421	Probability and Statistics I	
MATH 422	Probability and Statistics II	
MATH 442	Mathematical Analysis II	
MATH 445	Nonlinear Dynamics and Chaos Theory	
MATH 446	Partial Differential Equations	
MATH 448	Functions of a Complex Variable	
<b>Pure Math Elective</b> <sup>4</sup>		<b>3</b>
Select one course from the following:		
MATH 415	Topology	
MATH 432	Abstract Algebra II	
MATH 439	Elementary Number Theory	
MATH 442	Mathematical Analysis II	
MATH 448	Functions of a Complex Variable	
<b>400-Level Elective</b> <sup>4</sup>		<b>3</b>
Select one course from the following:		
MATH 415	Topology	
MATH 432	Abstract Algebra II	
MATH 439	Elementary Number Theory	
MATH 442	Mathematical Analysis II	
MATH 448	Functions of a Complex Variable	
<b>Research</b>		
Each student must complete a summer research project, a semester of independent research, or an honors course. This requires the prior approval of the Pure Math Coordinator.		
<b>Total Hours</b>		<b>36</b>

<sup>3</sup> The total number of credit hours for the Major with the Pure Math Concentration is 36-39 depending on the number of research hours earned; this does NOT include the hours associated with the Co-requisite.

<sup>4</sup> Or other courses as approved by the Coordinator of Pure Math.

## Requirements for the Minor in Mathematics

Course	Title	Hours
<b>Required Courses</b>		<b>6</b>
MATH 181	Calculus I	
MATH 182	Calculus II	
<b>Electives</b>		<b>12</b>
Select four Math (MATH) courses at the 200-level or higher		
<b>Total Hours</b>		<b>18</b>

### MATH 120. Appreciation of Mathematics. 3 Hours.

An exploration of topics which illustrate the power and beauty of mathematics, with a focus on the role mathematics has played in the development of Western culture. This course is designed for students who are not required to take statistics or calculus as part of their studies. Students who previously earned credit for a math course at the 200-level or higher are not permitted to enroll or earn credit for this course.

### MATH 140. Introduction to Statistics. 3 Hours.

An introduction to statistical thinking and the analysis of data using such methods as graphical descriptions, correlation and regression, estimation, hypothesis testing, and statistical models.

### MATH 160. Calculus for the Social Sciences. 3 Hours.

A graphical, numerical and symbolic introduction to the theory and applications of derivatives and integrals of algebraic, exponential, and logarithmic functions, with an emphasis on applications in the social sciences. Students may not earn credit for both MATH 160 and MATH 181.

### MATH 170. Functions Modeling Change: A Preparation for Calculus. 3 Hours.

A study of the mathematical building blocks used to describe behavior seen in natural and social sciences as presented in Calculus I. Topics include: forms and graphs of polynomial, trigonometric, exponential, and logarithmic functions. Additionally, it focuses on the relationship between scientific problems and mathematical expressions. As this course is intended specifically to prepare students for MATH 181, a special emphasis will be placed on using functions to model change. Students who previously earned a grade of 'C' or higher in MATH 160 or MATH 181 are not permitted to enroll or earn credit for this course.

### MATH 181. Calculus I. 3 Hours.

A graphical, numerical, and symbolic study of the theory and applications of the derivative of algebraic, trigonometric, exponential, and logarithmic functions, and an introduction to the theory and applications of the integral. Suitable for students of both the natural and the social sciences. Students may not earn credit for both MATH 160 and MATH 181.

**MATH 182. Calculus II. 3 Hours.**

A graphical, numerical, and symbolic study of the theory, techniques, and applications of integration, and an introduction to infinite series and/or differential equations.

**Prerequisite:** MATH 181 with a minimum grade of D.

**MATH 201. Modeling & Simulation. 3 Hours.**

A course in scientific programming, part of the inter-disciplinary field of computational science. Large, open-ended, scientific problems often require the algorithms and techniques of discrete and continuous computational modeling and Monte Carlo simulation. Students learn fundamental concepts and implementation of algorithms in various scientific programming environments. Throughout, applications in the sciences are emphasized. Cross-listed as Computer Science 201.

**Prerequisite:** MATH 181 with a minimum grade of D.

**MATH 210. Multivariable Calculus. 3 Hours.**

A study of the geometry of three-dimensional space and the calculus of functions of several variables.

**Prerequisite:** MATH 182 with a minimum grade of D.

**MATH 212. Vector Calculus. 3 Hours.**

A study of vectors and the calculus of vector fields, highlighting applications relevant to engineering such as fluid dynamics and electrostatics.

**Prerequisite:** MATH 182 with a minimum grade of D.

**MATH 220. Linear Algebra. 3 Hours.**

The theoretical and numerical aspects of finite dimensional vector spaces, linear transformations, and matrices, with applications to such problems as systems of linear equations, difference and differential equations, and linear regression.

**Prerequisite:** MATH 182 with a minimum grade of D.

**MATH 221. Statistical Methods I. 3 Hours.**

A study of statistical methods including sampling and experimental design, graphical and numerical summaries, sampling distributions, parametric and non-parametric tests, with applications across disciplines. An emphasis will be placed on choosing appropriate techniques, analyzing data with the openly accessible statistical software R, interpreting analyses, and communicating results to both technical and non-technical audiences.

**Prerequisite:** COSC 235 with a minimum grade of D.

**MATH 240. Ordinary Differential Equations. 3 Hours.**

The theory and application of first- and second-order differential equations including both analytical and numerical techniques.

**Prerequisite:** MATH 182 with a minimum grade of D.

**MATH 250. Introduction to Technical Writing. 1 Hour.**

An introduction to technical writing in mathematics and the sciences with the markup language LaTeX, which is used to typeset mathematical and scientific papers, especially those with significant symbolic content.

**MATH 255. Colloquia!. 1 Hour.**

Students will be exposed to the mathematics colloquium. The colloquia selected will cover a variety of subject areas.

**Prerequisite:** MATH 210 with a minimum grade of C or MATH 212 with a minimum grade of C or MATH 220 with a minimum grade of C or MATH 240 with a minimum grade of C or MATH 250 with a minimum grade of C or MATH 260 with a minimum grade of C or MATH 270 with a minimum grade of C.

**MATH 260. Introduction to Mathematical Proof. 3 Hours.**

An introduction to rigorous mathematical argument with an emphasis on the writing of clear, concise mathematical proofs. Topics will include logic, sets, relations, functions, and mathematical induction. Additional topics may be chosen by the instructor.

**Prerequisite:** MATH 182 with a minimum grade of D.

**MATH 270. Independent Study in Mathematics. 1 to 3 Hours.**

Independent study of selected topics in Mathematics at an intermediate level. Specific topics vary from semester to semester. Permission of the instructor required.

**MATH 280. Selected Topics in Mathematics. 1 to 4 Hours.**

Selected topics in mathematics at the introductory or intermediate level.

**MATH 320. Mathematical Modeling. 3 Hours.**

The study of problem-solving strategies to solve open-ended, real-world problems.

**Prerequisite:** MATH 210 with a minimum grade of D or MATH 220 with a minimum grade of D or MATH 240 with a minimum grade of D.

**MATH 330. Numerical Methods. 3 Hours.**

A study of the theory and computer implementation of numerical methods. Topics include error analysis, zeros of polynomials, numerical differentiation and integration, and systems of linear equations.

**Prerequisite:** MATH 220 with a minimum grade of D.

**MATH 415. Topology. 3 Hours.**

An introduction to topological spaces. Topics will include examples of topological spaces, standard constructions of topological spaces, continuous maps, topological properties, homotopies, homeomorphisms, and simplicial complexes.

**Prerequisite:** MATH 260 with a minimum grade of D.

**MATH 421. Probability and Statistics I. 3 Hours.**

A study of probability models, random variables, estimation, hypothesis testing, and linear models, with applications to problems in the physical and social sciences.

**Prerequisite:** MATH 210 with a minimum grade of D and MATH 260 with a minimum grade of D.

**MATH 422. Probability and Statistics II. 3 Hours.**

A study of probability models, random variables, estimation, hypothesis testing, and linear models, with applications to problems in the physical and social sciences.

**Prerequisite:** MATH 421 with a minimum grade of D.

**MATH 424. Advanced Game Theory. 3 Hours.**

Game Theory is an analytical tool that models strategic interactions. It is widely used in economics, political science, biology, sociology, and psychology. This advanced class is intended to provide a more rigorous introduction to the main concepts and techniques of the field. These techniques will be used to investigate relevant social phenomena, such as evolutionary games, auction theory, the "prisoner's dilemma," the "tragedy of the commons," tacit collusion, competition among firms, and strategic interactions in labor, credit, and product markets. The most important classes of games will be analyzed (zero-sum games, cooperation problems, coordination games, bayesian games, signaling games, etc.), as well as the most important solution concepts (rationalizability, nash equilibrium in pure and mixed strategies, bayesian nash equilibrium, and evolutionarily stable strategies). This course will also introduce students to the main techniques of game-theoretic mathematical modelling.

**Prerequisite:** MATH 210 with a minimum grade of D.



**MATH 431. Abstract Algebra I. 3 Hours.**

The axiomatic development of abstract algebraic systems, including groups, rings, integral domains, fields, and vector spaces.

**Prerequisite:** MATH 220 with a minimum grade of D and MATH 260 with a minimum grade of D.

**MATH 432. Abstract Algebra II. 3 Hours.**

The axiomatic development of abstract algebraic systems, including groups, rings, integral domains, fields, and vector spaces.

**Prerequisite:** MATH 431 with a minimum grade of D.

**MATH 439. Elementary Number Theory. 3 Hours.**

A study of the oldest branch of mathematics, this course focuses on mathematical properties of the integers and prime numbers. Topics include divisibility, congruences, diophantine equations, arithmetic functions, primitive roots, and quadratic residues.

**Prerequisite:** MATH 260 with a minimum grade of D.

**MATH 441. Mathematical Analysis I. 3 Hours.**

A rigorous study of the fundamental concepts of analysis, including limits, continuity, the derivative, the Riemann integral, and sequences and series.

**Prerequisite:** MATH 210 with a minimum grade of D and MATH 260 with a minimum grade of D.

**MATH 442. Mathematical Analysis II. 3 Hours.**

A rigorous study of the fundamental concepts of analysis, including limits, continuity, the derivative, the Riemann integral, and sequences and series.

**Prerequisite:** MATH 441 with a minimum grade of D.

**MATH 445. Nonlinear Dynamics and Chaos Theory. 3 Hours.**

The study of differential equations from a geometric perspective that allows for exploration of two and three-dimensional systems. Topics will include linear systems of equations, linear stability analysis, and bifurcations of nonlinear systems, and chaos theory.

**Prerequisite:** MATH 220 with a minimum grade of D and MATH 240 with a minimum grade of D.

**MATH 446. Partial Differential Equations. 3 Hours.**

A detailed introduction to partial differential equations. Students will develop familiarity with the derivation and solution techniques for various equations including transport equations, the heat equation, wave equation, and Laplace equation.

**Prerequisite:** (MATH 210 with a minimum grade of D or MATH 212 with a minimum grade of D) and MATH 240 with a minimum grade of D.

**MATH 448. Functions of a Complex Variable. 3 Hours.**

An introduction to the analysis of functions of a complex variable. Topics will include differentiation, contour integration, power series, Laurent series, and applications.

**Prerequisite:** MATH 260 with a minimum grade of D.

**MATH 470. Mathematics of Computer Vision. 2 Hours.**

Independent study of selected topics in Mathematics at an advanced level. Specific topics vary from semester to semester.

**MATH 480. Advanced Topics in Mathematics. 1 to 4 Hours.**

Advanced topics in undergraduate mathematics offered occasionally to meet special needs. Typical topics include number theory, foundations of mathematics, topology, and complex variables.

**MATH 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Medicine & the Liberal Arts (MLA)

The program in Medicine & the Liberal Arts analyzes healthcare issues from a variety of disciplines. Students will be exposed to a broad humanistic viewpoint of the medical situations that present themselves to individuals over the course of a lifetime. Pre-med students will gain a fuller understanding of the art of healing and of relating to patients than what can be obtained solely through the study of the sciences. Students planning careers in government, ministry, and healthcare administration which deal explicitly with medical issues will also benefit. Additionally, all will have the opportunity to gain a deeper knowledge of the ethical, religious, and social implications of the medical perplexities each of us face as citizens, family members, and individuals.

While it is not a major, courses applied toward requirements for Medicine & the Liberal Arts may also be counted toward requirements in other programs, majors, or minors.

## Coordinators

Christine S. Dinkins, Philosophy

Anne B. Rodrick, History

Students must complete a minimum of 15 credit hours consisting of four courses from at least three different disciplines (subject codes) and MLA 475 Medicine & the Liberal Arts Seminar. Other course offerings may be approved by the Program Coordinators on a case-by-case basis, including classes taken while studying abroad. Students interested in pursuing a medical or healthcare internship as part of the program should consult with the coordinator well in advance to secure approval.

## Program Requirements

Course	Title	Hours
<b>Course Options</b>		<b>12</b>
Select four courses (from three different disciplines) from the following:		
ANTH 312	Medical Anthropology	
ANTH 412	Global Health	
BIO 303	Introduction to Public Health	
ECO 340	Economics of Medical Care	
ENVS 341	Health & the Environment	
GOV 345	Health Care Policy & Administration	
MLA 470	Independent Study in Medicine & the Liberal Arts	
PHIL 210	Bio-Medical Ethics	
PHIL 302	Philosophy of Science	
PHIL 340	Philosophy of Medicine	
PSY 270	Health Psychology	
REL 264	Religion & Medicine	
REL 332	Spirituality & Traditional Chinese Medicine	
<b>Seminar</b>		<b>3</b>

MLA 475	Medicine & the Liberal Arts Seminar	
<b>Total Hours</b>		<b>15</b>

### MLA 470. Independent Study in Medicine & the Liberal Arts. 1 to 3 Hours.

Under the guidance of an appropriate faculty member, students will investigate a medical topic from a liberal arts perspective. The course topic must be approved in advance by the coordinators of the Medicine and the Liberal Arts program. Course credit hours (between 1 and 3) are determined by the instructor. Restricted to students declared in the Medicine and the Liberal Arts program.

### MLA 475. Medicine & the Liberal Arts Seminar. 3 Hours.

An overview of the insights offered by a variety of disciplines regarding situations involving health and healing. While the class will deal with the liberal arts as a whole, special emphasis will be given to the perspectives of the humanities and social sciences. Students will produce a final project articulating a liberal arts viewpoint on a medical topic. This course is required of all students in the Medicine and the Liberal Arts program.

## Middle Eastern and North African Studies (MENA)

The program in Middle Eastern and North African Studies (MENA) offers students an interdisciplinary approach to the study of the Middle East and North Africa. This is an area studies approach to non-western cultures and peoples. Drawing on courses in Art History, English, Government, History, Religion, and other disciplines, the program encourages students to learn about the history, culture, politics and languages of the Middle East and North Africa.

The program in Middle Eastern and North African Studies is not a major. With the exception of MENA 354 Middle Eastern & North African Studies: An Area Studies Seminar, courses applied toward requirements for this program may also be counted toward requirements that will satisfy other programs, majors, or minors.

### Coordinator

Youness Mountaki, Modern Languages, Literatures, and Cultures (Arabic)

### Program Requirements

Students are required to take MENA 354 Middle Eastern & North African Studies: An Area Studies Seminar and four additional courses. Within the electives, a maximum of 6 credit hours (or two courses) may be taken in any one discipline.

Course	Title	Hours
<b>Required Course</b>		<b>3</b>
MENA 354	Middle Eastern & North African Studies: An Area Studies Seminar	
<b>Electives</b> <sup>1</sup>		<b>12 to 16</b>
Select four courses from the following:		
ARBC 101	Beginning Active Arabic	
ARBC 102	Beginning Active Arabic	
ARBC 201	Intermediate Active Arabic	
ARBC 202	Intermediate Active Arabic	
ARBC 301	Advanced Arabic	

ARBC 302	Advanced Arabic
ARTH 225	Islamic Art
ECO 310	Economics of Immigration
ENGL 339	Race, Gender, and Empire
ENGL 435	Global Digital Cultures
HIST 191	Modern Middle East
HIST 398	Iran: Its History, Culture & Politics
HIST 401	Ancient Egyptian History, Prehistory-1550 BC
HIST 402	Ancient Egyptian History, c.1550-30 BCE
INTL 361	Middle East Politics
INTL 363	African Politics
INTL 383	Revolutions & Regime Change
MENA 260	Peace & Conflict
MENA 301	Middle Eastern Film
MENA 380	Special Topics in Middle Eastern & North African Studies
MENA 448	Middle Eastern & North African Studies Senior Capstone
REL 201	The Hebrew Bible
REL 210	Archeology of Religion
REL 221	Introduction to Islam
REL 263	Ethnography of Religion in the Middle East & North Africa
REL 304	Gods of the Biblical World: Polytheism, Magic, and Israelite Religion
REL 305	Death & Sacrifice in the Ancient World
REL 306	Angels & Demons: Intermediary Celestial Beings in Historical Perspective
REL 307	The Bible & Human Migration
REL 308	Sex & Bodies in the Hebrew Bible
REL 312	Israel's Poetry and Wisdom Literature
REL 315	Archeology and the Bible
REL 331	Christian & Islamic Theology in Comparative Perspective
REL 351	Political Islam
REL 352	Premodern Islam
REL 353	Contemporary Islam
REL 362	Ritualized Space in the Middle East
REL 363	Islam in the Media

**Total Hours** **15-19**

<sup>1</sup> A maximum of two courses may be taken in any one discipline. Students may also take special or advanced topics courses in other disciplines as approved by the Program Coordinator.

**MENA 260. Peace & Conflict. 3 Hours.**

Analyze the peace and conflict resolution in the Middle East. Approaching this topic from a variety of disciplinary perspectives such as interreligious peacebuilding, political science, history, or others, instructors will help students apply a comprehensive approach to understanding conflict and constructing peace through combing the central concepts and findings of modern peace building/conflict management research. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**MENA 280. Selected Topics in Middle Eastern & North African Studies. 1 to 4 Hours.**

Selected topics in Middle Eastern and North African Studies at the introductory or intermediate level.

**MENA 301. Middle Eastern Film. 3 Hours.**

An introduction to the diverse cultures of the Middle East through the viewing a series of films that portray aspects such as ideas, customs, and social behaviors of various countries within the Arab world. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**MENA 354. Middle Eastern & North African Studies: An Area Studies Seminar. 3 Hours.**

The area studies approach makes sure the political, geographical, historical, anthropological and religious influences of the Middle East/ North African region will be explored throughout the course. The religion of Islam will be explored through its engagement in particular places and spaces. Students will differentiate between how the politics and cultural context of one place directly influence the way Islam is practiced in, for example, the Gulf as opposed to Turkey. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**MENA 380. Special Topics in Middle Eastern & North African Studies. 1 to 4 Hours.**

Seminars on selected topics in Middle Eastern and/or North African Studies offered on an occasional basis.

**MENA 448. Middle Eastern & North African Studies Senior Capstone. 3 Hours.**

The Senior Capstone is designed to help students focus and integrate their knowledge of the Middle Eastern and North African (MENA) region. Each student will complete an independent research project focusing on a specific problem or region from an interdisciplinary perspective.

**Prerequisite:** MENA 354 with a minimum grade of C.

## Military Science (MILS)

The normal four-year sequence of ROTC instruction is divided into the Basic Program and the Advanced Program. Participation in the Basic Program, normally undertaken in the freshman and sophomore years, is voluntary and involves no obligation for military service. The four courses in the Basic Program are intended to develop leadership skills, to familiarize the student with military customs and organization, and to introduce basic soldier functions and tactics. All credits earned in these courses may be applied toward graduation.

### Coordinator

Wm. Simon Stricklen

### Basic Program

Open to all students who have an interest in Military Science, the basic program is required of students who are awarded an ROTC scholarships;

scholarship students are obligated to serve in the Army upon graduation.

For the general student, there is no military obligation associated with participation in the Basic Program courses. All military leadership courses are offered with a lab. The lab is required for students seeking a commission, but is not required for the general student in the 100- and 200-level courses. The lab is required of all students at the 300- and 400-level.

## Advanced Program

The Advanced Program is offered for students who have successfully completed the Basic Program, who meet the academic and physical standards, and who are selected on the further basis of leadership potential. (Satisfactory completion of a five-week basic camp in the summer after the sophomore year, suitable prior military experience, or three years of JROTC, may substitute for a portion of the Basic Program for this purpose.) The Advanced Program, normally taken during the junior and senior years, offers a total of 12 credit hours. The four courses include instruction in leadership, ethics, tactics, military law, administration, and exercise of command. Advanced Program cadets receive a tax-free allowance of up to \$420 each month for up to 10 months of the academic year, and are also paid during the four-week summer camp they are required to attend between the junior and senior years.

The Advanced Program Cadets can compete to serve on active duty or opt to participate in the Reserve Force Duty Program (RFD) as the means for fulfilling the incurred obligation for military service. Under the RFD program, the student is commissioned in either the National Guard or the U.S. Army Reserve and is not able to serve on active duty.

In addition to the Basic and Advanced Programs of classroom instruction, the Department of Military Science at Wofford sponsors numerous extracurricular activities which are designed to complement skills learned in the classroom. Commission seeking Cadets will participate in one field training exercise per semester, learn tactical skills using paint-ball weapons, learn land navigation and other military skills. Cadets can also voluntarily compete for selection to attend Airborne or Air Assault schools during the summer.

**MILS 101. Military Leadership I. 0 to 1 Hours.**

A basic orientation to ROTC and the U. S. Army. Course topics include leadership, military customs and courtesies, map reading, the profession of arms, the Army values, and healthy lifestyle. Leadership laboratory, one weekend leadership laboratory and Physical Training is required in addition to the weekly labs for contracted and scholarship cadets. Open to first- and second-year students or by permission of instructor.

**MILS 102. Military Leadership I. 0 to 1 Hours.**

A continuation of Military Science 101. Course topics include leadership, US Army unit overview, Army values, warrior ethos, communication and Army writing style. Leadership laboratory, one weekend leadership laboratory and physical training is required in addition to the weekly labs for contracted and scholarship cadets. Open to first- and second-year students or by permission of instructor. Note: contracted and scholarship cadets may be selected for a one month long Cadet Initial Entry Training assignment at Fort Knox, KY at the end of their first or second year of enrollment.

**Prerequisite:** MILS 101 with a minimum grade of D.

**MILS 201. Military Leadership II. 0 to 2 Hours.**

The study of the importance of character in leadership and decision making. Course topics include cultural awareness, leadership theory, analytical and critical thinking, problem solving, troop leading procedures and military ethics. Leadership laboratory, one weekend leadership laboratory and physical training is required in addition to the weekly labs for contracted and scholarship cadets. Open to second-year students with permission of instructor.

**Prerequisite:** MILS 102 with a minimum grade of C.

**MILS 202. Military Leadership II. 0 to 2 Hours.**

The study of basic Army operations and the application of military leading principles. Course topics include Army doctrine and symbols, offensive and defensive operations, team building, unified land operations, tactics, equal opportunity, first aid, and emergency preparedness. Leadership laboratory, one weekend leadership laboratory and physical training is required in addition to the weekly labs for contracted and scholarship cadets. Open to second-year students with permission of instructor. Note: contracted and scholarship cadets may be selected for Cadet Initial Entry Training at Fort Knox, KY at the end of their first or second year of enrollment.

**Prerequisite:** MILS 201 with a minimum grade of C.

**MILS 215. American Military History. 3 Hours.**

A chronological review of the people, events, and trends that affected the development and employment of the United States Army from its colonial beginnings through the present. Students will combine directed readings, individual research, and classroom instruction to analyze themes from history to identify an 'American Way of War,' assess the manner in which it evolved, and project requirements for future change.

**MILS 301. Military Leadership III. 3 Hours.**

The study of advanced military leadership topics and the application of the war fighting functions. Course topics include squad and platoon level tactics, mission rehearsals, maneuver, mission command, individual Army briefs, and training management. One weekend leadership laboratory and physical training is required in addition to the weekly labs. Course is only available to students that are on scholarship or contracted cadets.

**Prerequisite:** MILS 202 with a minimum grade of C.

**MILS 302. Military Leadership III. 3 Hours.**

The study and application of situational leadership in a complex environment. Course topics include emotional intelligence, negotiating, platoon tactics, reconnaissance, motivating soldiers, and combat multipliers. One weekend leadership laboratory and physical training is required in addition to the weekly labs. Course is only available to students that are on scholarship or contracted cadets.

**Prerequisite:** MILS 301 with a minimum grade of C.

**MILS 401. Military Leadership IV. 3 Hours.**

A comprehensive study of leadership, training management, and the Army Officer Corps. Course topics include unit training management, risk management, training assessment, individual performance evaluation, diversity, resilience, self development, career planning, cultural awareness, and the law of land warfare. Additionally, senior cadets plan and execute staff functions for unit planning, training and administration. One weekend leadership laboratory and physical training is required in addition to the weekly labs. Course is only available to students that are on scholarship or contracted cadets.

**Prerequisite:** MILS 302 with a minimum grade of C.

**MILS 402. Military Leadership IV. 3 Hours.**

A comprehensive study of the contemporary operating environment, individual development, and company staff functions. Course topics include study of the geographic combatant commands, unified land operations, battle analysis, platoon leadership, unit operations, completion of a military staff ride and oral presentations. Additionally, senior cadets plan and execute staff functions for unit planning, training and administration. One weekend leadership laboratory and physical training is required in addition to the weekly labs. Course is only available to students that are on scholarship or contracted cadets.

**Prerequisite:** MILS 401 with a minimum grade of C.

## Modern Languages, Literatures, and Cultures (MLLC)

The Department of Modern Languages, Literatures and Cultures offers majors in Chinese (p. 68), French (p. 92), German (p. 95), and Spanish (p. 137). The department also offers a minor in Arabic Studies (p. 51), Chinese Studies (p. 69), German Studies (p. 96), and Francophone Studies (p. 93). The program descriptions can be found in the Catalog entry for each specific language.

### Honors Courses

The Department of Modern Languages, Literatures, and Cultures encourages students pursuing a Spanish major to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

### Special Considerations

Students who directly enroll in and complete a 300-level foreign language course with a grade of 'C' or higher may be awarded credit for 201 and 202 courses provided they have not previously earned any lower division credit in that particular language.

Students who earned/received credit for a higher level foreign language course may not take or repeat a course at a lower level in the same language and receive credit for it.

### Chair

Camille L. Bethea

### Faculty

Laura H. Barbas-Rhoden  
Begoña Caballero-García  
Jocelyn A. Franklin  
Li Qing Kinnison  
Kirsten A. Krick-Aigner  
Amanda L. Matousek  
Youness Mountaki  
Britton W. Newman  
Patricia G. Nuriel  
Catherine L. Schmitz  
Yongfang Zhang

**MLLC 223. Modern Languages Seminar in Global Perspectives: Different Identities, Common Destinies. 3 Hours.**

An interdisciplinary seminar in which students explore the diversity and commonality of human experience across a variety of regions in the world in preparation for making positive contributions as citizens in a global society. Conducted in English by modern language faculty. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**MLLC 280. Selected Topics in Modern Languages, Literatures, and Cultures. 1 to 5 Hours.**

Selected topics in Modern Languages, Literatures, and Cultures at the introductory or intermediate level.

**MLLC 301. Intercultural Learning & Language Acquisition Abroad. 1 Hour.**

This seminar is designed for students who intend to study abroad the following semester. Based on a developmental framework of intercultural competence, the course focuses on strategies that will guide intercultural learning during the immersion experience. Additionally, informed by research on second language acquisition, the course discusses strategies for successful target language proficiency development applicable across languages. Seminar conducted in English.

**MLLC 302. Reflective Re-Entry from International Study. 1 Hour.**

Designed to be taken upon return from a semester abroad, this seminar uses the developmental framework of intercultural competence. Students will critically reflect on their experiences of study abroad and reentry, articulate their learning for diverse audiences, and apply their learning to unfamiliar cultural contexts. Combining perspectives from international study in various cultures, the course explores the commonalities and differences among experiences, drawing to the fore the transferable intercultural competence and consolidating its growth through reflection. Seminar conducted in English.

**MLLC 480. Advanced Topics in MLLC. 1 to 4 Hours.**

The study of selected topics at the advanced level in Modern Languages, Literatures and Cultures.

## Music (MUS)

The Music Department offers a minor in music with a track in non-performance and a track in performance. For students minoring in the performance track, a one-time audition is required.

All students are eligible to enroll in applied music courses, listed below.

Students may earn a maximum of 16 credit hours in applied music courses with a maximum of 8 credit hours in any single course. The only exception is MUS 260 Private Instruction. The maximum allowable number of credit hours for MUS 260 Private Instruction is four. Some courses do require an audition.

### Applied Music Courses

Course	Title	Hours
MUS 100	Men's Glee Club	1
MUS 101	Wofford Singers	1
MUS 102	Women's Choir	1
MUS 150	Concert Band	1
MUS 151	String Ensemble	1
MUS 260	Private Instruction	1
MUS 285	Jazz Ensemble	1
MUS 301	Chamber Singers	1

MUS 302	Instrumental Chamber Music	1
MUS 351	Wofford Concert Orchestra	1

## Coordinator

W. Gary McCraw

## Professors

Aaron R. Harp

Eun-Sun Lee

## Requirements for the Minor in Music, Non-Performance

Course	Title	Hours
<b>Ensemble Courses</b>		<b>6</b>
Select 6 credit hours from the following:		
MUS 100	Men's Glee Club	
MUS 101	Wofford Singers	
MUS 102	Women's Choir	
MUS 150	Concert Band	
MUS 151	String Ensemble	
MUS 285	Jazz Ensemble	
MUS 301	Chamber Singers	
MUS 302	Instrumental Chamber Music <sup>1</sup>	
MUS 351	Wofford Concert Orchestra	
<b>Concert Attendance - Three Semesters</b>		<b>0</b>
MUS 170	Concert Attendance	
<b>Electives</b>		<b>12</b>
Select four courses from the following:		
MUS 201	Music Appreciation	
MUS 202	The Elements of Music	
MUS 203	History of American Music	
MUS 204	World Music	
MUS 480	Advanced Topics in Music	
<b>Total Hours</b>		<b>18</b>

## Requirements for the Minor in Music, Performance

A one-time audition is required for all students wishing to minor in music performance.

Course	Title	Hours
<b>Ensemble Courses</b>		<b>6</b>
Select 6 credit hours from the following:		
MUS 100	Men's Glee Club	
MUS 101	Wofford Singers	
MUS 102	Women's Choir	
MUS 150	Concert Band	
MUS 151	String Ensemble	
MUS 285	Jazz Ensemble	
MUS 301	Chamber Singers	
MUS 351	Wofford Concert Orchestra	
<b>Concert Attendance - Three Semesters</b>		<b>0</b>

MUS 170	Concert Attendance	
<b>Select a Performance Option (Instrumental or Vocal)</b>		<b>6</b>
<b>Instrumental Performance</b>		
MUS 260	Private Instruction	
MUS 302	Instrumental Chamber Music	
<b>Vocal Performance</b>		
MUS 260	Private Instruction	
MUS 303	Diction	
<b>Electives</b>		<b>6</b>
Select two courses from the following:		
MUS 201	Music Appreciation	
MUS 202	The Elements of Music	
MUS 203	History of American Music	
MUS 204	World Music	
MUS 480	Advanced Topics in Music	
<b>Total Hours</b>		<b>18</b>

**MUS 100. Men's Glee Club. 1 Hour.**

The study and performance of selected choral literature for men's voices from the Renaissance to the contemporary period. Requirements may include performance at convocations throughout the semester, a family weekend concert, a Christmas concert, and a spring concert. Audition required.

**MUS 101. Wofford Singers. 1 Hour.**

The study and performance of selected choral literature for mixed voices from the Renaissance to the contemporary period. Requirements may include performance at convocations throughout the semester, a family weekend concert, a Christmas concert, and a spring concert. Audition required.

**MUS 102. Women's Choir. 1 Hour.**

The study and performance of selected choral literature for women's voices from the Renaissance to the contemporary period. Requirements may include performance at convocations throughout the semester, a family weekend concert, a Christmas concert, and a spring concert. Audition required.

**MUS 150. Concert Band. 1 Hour.**

The study and performance of selected band literature with emphasis on stage and band training. Requirements may include performance in a family weekend concert, a Christmas concert, and a spring concert.

**MUS 151. String Ensemble. 1 Hour.**

The study and performance of selected string literature from the Renaissance to the contemporary period. Requirements may include several performances on campus and in the community.

**MUS 170. Concert Attendance. 0 Hours.**

An introduction to music of all genres and styles for the importance of experiencing live concerts as well as understanding and appreciating visual, aural, and communal aspects of live performances.

**MUS 201. Music Appreciation. 3 Hours.**

An introduction to the art of perceptive listening through a general survey of music from the Renaissance to the present time.

**MUS 202. The Elements of Music. 3 Hours.**

The development of aural recognition and identification of musical patterns. The development of proficiency in recognizing and responding to the symbols of music notation.

**MUS 203. History of American Music. 3 Hours.**

The study of American music from 1620 to the present focusing on elements of various musical cultures (Western and Eastern Europe, Africa, Latin America) that have influenced the American style of music, along with genres, rhythms, and musical styles which are characteristic of the United States.

**MUS 204. World Music. 3 Hours.**

A study of selected non-western music cultures, past and present, introducing a variety of musical concepts and styles from around the world, reflecting the inter-relationships between musical styles and the cultures in which they are created and interpreted. Successful completion of this course satisfies the Cultures & Peoples requirement for graduation.

**MUS 260. Private Instruction. 1 Hour.**

Applied music in the form of vocal/instrumental instruction for students simultaneously enrolled in a music ensemble. This course is only open to students who declared a Minor in Music Performance. Students may earn a maximum of four credit hours. A fee for this course will be assessed to the student. Instructor permission required.

**MUS 280. Special Topics in Music. 1 to 4 Hours.**

Selected topics in music at the introductory or intermediate level.

**MUS 285. Jazz Ensemble. 1 Hour.**

The study and performance of selected jazz ensemble literature with emphasis in the styles of blues, swing, latin, rock, jazz fusion and improvisation. Requirements include performances at campus/community events and participation in the Wofford College Athletic Band (commonly known as Pep Band). Students not enrolled in Jazz Ensemble may be allowed to participate in the Athletic Band without course credit. Instructor permission required.

**MUS 301. Chamber Singers. 1 Hour.**

Chamber Choir promotes the quality performance of exquisite choral music in an artistic setting. The repertory of this ensemble ranges from Medieval Carols and secular pieces to more contemporary settings of liturgical and secular choral music. The Chamber Singers course integrates advanced elements of auditory, vocal, kinesthetic, and aesthetic dimensions of choral music through analysis, rehearsal and performance. Particular attention will be paid to ensemble participation in the context of rehearsal and performance.

**MUS 302. Instrumental Chamber Music. 1 Hour.**

Provides weekly rehearsals and instruction for small ensembles. Ensembles can be duos, trios, quartets, etc., based on the student's availability and schedule. This is an advanced course for instrumentalists who wish to continue their playing at a more challenging level. Instructor permission required.

**MUS 303. Diction. 2 Hours.**

Diction will focus on the study of the International Phonetic Alphabet (IPA) and its application to the singing of English, Italian, German, and French languages through lecture, Demonstration, and class performances of appropriate song literature in each of these languages. Must be declared as minor in Music - Vocal Performance to enroll.

**MUS 351. Wofford Concert Orchestra. 1 Hour.**

Wofford Concert Orchestra is an orchestral ensemble consisting of all families of instruments (strings, woodwinds, brass and percussion) that will expose students to standard orchestral literature. The Wofford Concert Orchestra will be open to students with prior experience performing on their instruments, based on audition and instructor approval.

**MUS 480. Advanced Topics in Music. 1 to 4 Hours.**

Selected topics in music at the advanced level.

## Neuroscience (NEUS)

The program in Neuroscience provides students with an interdisciplinary examination of the nervous system and its regulation of behavior through multiple experimental approaches ranging from molecular biology to behavioral systems. The program is not a major. A student who fulfills the program requirements will receive a certificate of completion.

### Coordinator

David W. Pittman, Psychology

### Program Requirements

The Program in Neuroscience requires courses from the departments of Biology and Psychology, in addition to the three Neuroscience courses and a research capstone experience. Courses that meet requirements in the Neuroscience program and the Biology major or the Psychology major may be counted in both. Prerequisite courses may be waived for courses outside of the student's major. Contact the program coordinator, Dr. David Pittman (pittmandw@wofford.edu), for approval.

Course	Title	Hours
<b>Required Courses</b>		<b>12 to 17</b>
BIO 215	Introduction to Cellular Biology	
NEUS 321	Neuroscience Seminar I	
NEUS 322	Neuroscience Seminar II	
NEUS 351	Human Neuroscience Laboratory	
NEUS 447	Neuroscience Research Capstone I	
or NEUS 448	Neuroscience Research Capstone II	
PSY 230	Biological Psychology (with lab)	
<b>Biology Elective</b>		<b>3 to 4</b>
Select one course from the following:		
BIO 342	Human Physiology (with lab)	
BIO 445	Neurobiology	
or BIO 446	Neurobiology (with lab)	
BIO 447	Cellular Neurobiology	
BIO 448	Systems Neurobiology	
<b>Psychology Elective</b>		<b>3</b>
Select one course from the following:		
PSY 330	Behavioral Neuroscience	
PSY 333	Clinical Neuroscience	
PSY 335	Affective Neuroscience	
<b>Electives<sup>1</sup></b>		<b>9 to 12</b>
Select three courses from the following:		
BIO 342	Human Physiology (with lab)	
BIO 391	Animal Behavior	
or BIO 392	Animal Behavior (with lab)	
BIO 445	Neurobiology	
or BIO 446	Neurobiology (with lab)	
BIO 447	Cellular Neurobiology	
BIO 448	Systems Neurobiology	
PSY 300	Learning & Adaptive Behavior (with lab)	
PSY 310	Cognitive Science (with lab)	

PSY 315	Sensation & Perception (with lab)
PSY 330	Behavioral Neuroscience
PSY 333	Clinical Neuroscience
PSY 335	Affective Neuroscience
PSY 337	Human Memory
PSY 351	Psychopharmacology
<b>Total Hours</b>	<b>27-36</b>

<sup>1</sup> Courses applied to the electives CANNOT also apply to other requirements in the Neuroscience Program.

**NEUS 251. Introduction to Research I. 1 to 3 Hours.**

Research experience is an integral skill required in the field of neuroscience. This course provides an opportunity for students to become engaged in neuroscience-based research projects early in their undergraduate education. Students should contact the Program Coordinator or individual neuroscience faculty to make course arrangements.

**NEUS 252. Intro to Research II. 1 to 3 Hours.**

Research experience is an integral skill required in the field of neuroscience. This course provides an opportunity for students to become engaged in neuroscience-based research projects early in their undergraduate education. Students should contact the Program Coordinator or individual neuroscience faculty to make course arrangements.

**NEUS 280. Selected Topics in Neuroscience. 1 to 4 Hours.**

Selected topics in Neuroscience at the introductory or intermediate level.

**NEUS 321. Neuroscience Seminar I. 1 Hour.**

An interdisciplinary seminar discussing current topics in neuroscience through the examination of literature at the molecular neurobiology, neuroanatomy, neurophysiology, and behavioral levels. This course is appropriate for Biology and Psychology majors and those pursuing the program in Neuroscience. Junior or senior standing required.

**NEUS 322. Neuroscience Seminar II. 1 Hour.**

An interdisciplinary seminar discussing current topics in neuroscience through the examination of literature at the molecular neurobiology, neuroanatomy, neurophysiology, and behavioral levels. This course is appropriate for Biology and Psychology majors and those pursuing the program in Neuroscience. Junior or senior standing required.

**NEUS 351. Human Neuroscience Laboratory. 3 Hours.**

This laboratory course will provide an opportunity to gain expertise in the quantification and analysis of human behavior and neurophysiological signals using advanced electrophysiological techniques such as GSR, EOG, EEG, or ERP.

**Prerequisite:** PSY 230 with a minimum grade of D.

**NEUS 447. Neuroscience Research Capstone I. 4 Hours.**

This course is designed to permit students to learn a research technique and obtain training in the use of scientific methodology in the field of neuroscience. Specific course objectives include: hands-on experience in a neuroscience research technique, learning appropriate data collection and analysis techniques, and learning how conclusions based on empirical data are formed and disseminated as research articles.

**Prerequisite:** PSY 200 with a minimum grade of D or BIO 351 with a minimum grade of D or BIO 352 with a minimum grade of D or BIO 353 with a minimum grade of D or BIO 354 with a minimum grade of D or BIO 355 with a minimum grade of D.

**NEUS 448. Neuroscience Research Capstone II. 0 Hours.**

This course is designed to permit students to learn a research technique and obtain training in the use of scientific methodology in the field of neuroscience under conditions where awarding course credit is inappropriate. Such conditions include research conducted as part of a paid stipend, research conducted in off-campus laboratories, or research conducted as part of another college course. Specific course objectives include: hands-on experience in a neuroscience research technique, learning appropriate data collection and analysis techniques, and learning how conclusions based on empirical data are formed and disseminated as research articles.

**NEUS 480. Advanced Topics in Neuroscience. 1 to 4 Hours.**

Selected topics in Neuroscience at the advanced level.

## 19th Century Studies (NCS)

The Nineteenth Century Studies program crosses traditional disciplinary boundaries and considers the trends and events of the 19th century from a variety of cultural and historical perspectives. For the purpose of this program, the period of study dates from 1785 to 1918. The program culminates in a semester-long independent capstone project.

The Nineteenth Century Studies program is not a major; it is an interdisciplinary program available to students majoring in English or History. With the exception of the capstone project, courses applied toward requirements for the Nineteenth Century Studies Program may also be counted toward the major or minor in English, history, or toward the general education requirements.

### Coordinators

Sally A. Hitchmough, English  
Anne B. Rodrick, History

### Program Requirements

Course	Title	Hours
<b>History</b>		<b>3</b>
Select one course from the following:		
HIST 370	Europe in the Age of Revolutions, 1789-1850	
HIST 371	Europe in the Age of Anxieties, 1850-1914	
HIST 384	Modern Britain	
<b>Literature</b>		<b>3</b>
Select one course from the following:		
ENGL 311	The English Romantic Period	
ENGL 312	The Victorian Period	
ENGL 337	Later European Masterpieces	
ENGL 413	The Early English Novel	
ENGL 414	The Later English Novel	
<b>Art &amp; Culture</b> <sup>1</sup>		<b>9</b>
Select three courses from the following:		
ARTH 305	19th-Century Art	
ENGL 426	19th Century American Poetry	
HIST 307	History of the American South to the Civil War	
HIST 308	History of the American South since the Civil War	

HIST 311	Topics in American Social History	
REL 333	Gender, Religion, George Eliot	
<b>Capstone</b> <sup>2</sup>		<b>3</b>
ENGL 470	Independent Study	
or HIST 475	Independent Study in European or Non-Western History	
<b>Total Hours</b>		<b>18</b>

<sup>1</sup> Or other courses as approved by the Coordinator.

<sup>2</sup> Students should plan to complete the capstone course during their senior year. The focus is an interdisciplinary topic chosen by the student and approved by the Program Coordinator.

## Philosophy (PHIL)

The Department of Philosophy offers both a major and minor. Any course in Philosophy may be used to satisfy the general education requirement. In addition, the department participates in a number of interdisciplinary majors, minors, and programs.

### Honors Courses

The Department of Philosophy encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

### Chair

Nancy M. Williams

### Professors

James T. Bednar  
Christine S. Dinkins  
Jeremy E. Henkel  
Stephen A. Michelman  
Katherine G. Valde

### Requirements for the Major in Philosophy

Course	Title	Hours
<b>Logic and Reasoning</b>		<b>3</b>
Select one course from the following:		
PHIL 206	Reasoning & Critical Thinking	
PHIL 321	Symbolic Logic	
<b>Ethical Theory</b>		<b>3</b>
Select one course from the following:		
PHIL 311	Principles of Ethics	
PHIL 312	Language, Truth & Ethics	
PHIL 315	Philosophy of Love and Sex	
<b>Epistemology and Metaphysics</b>		<b>3</b>
Select one course from the following:		
PHIL 345	Philosophy of Language	
PHIL 347	Epistemology	
PHIL 348	Metaphysics	
<b>History of Philosophy</b>		<b>9</b>
Select three courses from the following:		



PHIL 333	Chinese Philosophy	
PHIL 351	Ancient Western Philosophy	
PHIL 352	Early Modern European Philosophy	
PHIL 353	19th Century European Philosophy	
PHIL 354	Existentialism	
PHIL 355	Phenomenology	
<b>Senior Directed Study</b>		<b>3</b>
PHIL 450 or PHIL 500	Senior Directed Study Honors Course	
<b>Electives</b>		<b>9</b>
Select three additional Philosophy (PHIL) courses		
<b>Total Hours</b>		<b>30</b>

## Requirements for the Minor in Philosophy

The minor requires six courses (18 credit hours) in Philosophy (PHIL), at least three (9 credit hours) of which must be at the 300-level or above.

### PHIL 201. World Philosophy. 3 Hours.

An introduction to indigenous philosophical traditions from Africa, the Middle East, the Americas, and Asia. The course will examine the different responses these traditions have to metaphysical and epistemological questions: of the fundamental nature of reality; of the nature of the world and cosmos, and of the human place therein; and of what counts as, and how we can acquire, knowledge or wisdom. The approaches we find in these traditions will be compared and contrasted with the approaches typically found in Western philosophical traditions. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

### PHIL 202. Asian Philosophy. 3 Hours.

An introduction to the philosophical traditions of South and East Asia, focusing on India, China, and Japan. The course will examine the different understandings these traditions have of the human condition, what practices each considers to be central to living 'the good life,' and how these answers differ from those typically found in Western philosophical traditions. Social, ethical, and aesthetic questions will be emphasized throughout the course. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

### PHIL 203. Problems of Philosophy. 3 Hours.

An exploration of philosophy through analysis and discussion of selected philosophical texts and problems. Sample topics include the relation of mind and body, free will and determinism, moral relativism and moral truth, and the nature of knowledge and belief. Emphasis is placed on oral and written communication skills. Open only to freshmen and sophomores during the regular semesters; open to all students in the summer sessions.

### PHIL 204. Introduction to Ethics. 3 Hours.

An introduction to moral philosophy that exposes students to major ethical theories and problems. Utilitarianism, duty-based ethics, virtue ethics, and the relationship between morality and religion are sample topics. Examples are drawn from areas including history, politics, medicine, media, and personal relationships.

### PHIL 205. Philosophy of Food. 3 Hours.

An exploration of how food relates to major areas of philosophical inquiry, including metaphysics, epistemology, aesthetics, ethics, and political theory. Topics include the nature of food, food as art, biotechnology, the ethics of eating animals, human rights and food safety, cultural identity, and the politics of global food distribution and production.

### PHIL 206. Reasoning & Critical Thinking. 3 Hours.

A course aimed at developing the student's ability to evaluate arguments and other informative prose and to construct arguments with greater cogency and effectiveness. The course employs only a minimal amount of formal logic.

### PHIL 210. Bio-Medical Ethics. 3 Hours.

A survey of ethical issues that arise in connection with research, medicine, and biotechnologies. Topics such as right to healthcare, research on human subjects, euthanasia, abortion, cloning, genetic selection, disabilities, and the biomedical enhancement of human capacities will be examined. Students will be trained in philosophical ethics and argumentation, and the resources medical professionals need to ethically assess difficult questions.

### PHIL 214. Philosophy in Practice. 3 Hours.

An introduction to philosophy with an emphasis on applying philosophical theories in practice. Traditional philosophical readings are paired with project-based learning to enable students to employ philosophy to guide their ethical decision-making, explore the meanings and implications of their relationship to society and the larger world, and practice intentional living. Practices studied may include: Socratic inquiry into the good life; phenomenological observation and consulting; phenomenological and hermeneutic interviewing research; and philosophical counseling.

### PHIL 215. Environmental Ethics. 3 Hours.

An exploration of the challenges presented by the ethical analysis of environmental issues. The course explores both the theoretical and practical aspects of these issues.

### PHIL 216. Social & Political Philosophy. 3 Hours.

An introduction to some of the most influential theories of Western social and political thought. Topics include the nature and legitimacy of political authority and democracy, the role of morality in society, the duties and responsibilities of citizens, and the challenges of diversity and inclusion. Multicultural and feminist perspectives are components of the course.

### PHIL 222. Human Nature. 3 Hours.

An examination of selected classical and modern conceptions of the human being. Aristotle, Darwin, sociobiology, and our relation to other animals are among topics explored.

### PHIL 230. Gender, Race and Science. 3 Hours.

An examination of issues arising at the intersection of feminist philosophy, philosophy of race, and the history and philosophy of science. The primary goal of this course is to come to a deeper and more critically reflective understanding of both the history of the concepts of race and gender and the various roles that these concepts continue to play in contemporary science.

### PHIL 280. Selected Topics in Philosophy. 1 to 4 Hours.

Selected topics in Philosophy at the introductory or intermediate level.

### PHIL 292. Philosophy for Children. 3 Hours.

A study of the theory and practice of doing philosophy with children at the pre-secondary level. Course involves supervised work facilitating philosophical inquiry with students in elementary school classrooms.

### PHIL 301. Philosophy of Law. 3 Hours.

An introduction to basic issues in the philosophy of law, such as methods of legal reasoning, the relation between legal norms and moral values, and the scope and foundations of rights. Seminal concepts of concern to law are discussed, including liberty, justice and punishment. Readings include classical and contemporary essays in jurisprudence, studies of specific US and international cases, and selected Supreme Court decisions.

**PHIL 302. Philosophy of Science. 3 Hours.**

Examine the methods, aims, and limits of scientific inquiry, with special attention to the evaluation and construction of arguments. Explore the logic of scientific explanation and the nature of scientific laws, theories, and change.

**PHIL 303. Feminist Philosophy. 3 Hours.**

A study of contemporary feminist thought with an emphasis on the variety of responses to women's lived experiences. Topics may include gender socialization, the nature of (gender) oppression, sexuality and sexual violence against women, popular culture and self-image, abortion, and pornography. This course may count toward the theory requirement of the Gender Studies Program.

**PHIL 304. Philosophy through Literature. 3 Hours.**

A discussion and analysis of classical and contemporary philosophical issues as they are presented in selected works of literature, with attention to the question of how philosophical ideas are conveyed through this alternative medium. Topics include: political philosophy; responsibility, free will, and determinism; the nature and purpose of humanity; and the meaning of life.

**PHIL 305. Philosophy of Race. 3 Hours.**

What is race and how is it socially constructed? What is racism and why is racism morally wrong? This seminar introduces students to the philosophy of race through a survey of central theoretical analyses and debates. Topics may include the metaphysical status of race, the relationship between the concepts of race and racism, the subjectivity or the experience of race, and the examination of possible models for addressing racism and racial injustice.

**PHIL 310. Philosophy of Art. 3 Hours.**

An examination of philosophical issues concerning the creation and appreciation of works of art. Examples for study will be drawn from painting, sculpture, music and other visual, literary and dramatic arts. Topics may include art and morality, the definition of the concept of art, the nature of artistic value, the expression of emotion in art, and the relation between art and truth.

**PHIL 311. Principles of Ethics. 3 Hours.**

A study of the major systems of ethical thought, both ancient and modern, and their development. Emphasis is on the critical examination and reevaluation of those systems in light of contemporary social developments.

**PHIL 312. Language, Truth & Ethics. 3 Hours.**

An in-depth study of the issues surrounding the ethical norms associated with interpersonal communication. The course will explore the views of philosophers from different times and traditions on such topics as truth and truthfulness; lying, misleading, and other forms of deception; secrecy, trust, and promise-keeping. The overall aim of the course will be to articulate an account of the ethics of speaking and communication that is adequate to the complexity of the matter.

**PHIL 315. Philosophy of Love and Sex. 3 Hours.**

A seminar on the nature and morality of love, sex, and their social meanings. Topics to be discussed may include, but are not limited to, familial love, marriage, homosexuality, prostitution, pornography, erotic love, and sexual objectification. Emphasis is on the study of how gender norms inform our understanding of the controversies surrounding these topics.

**PHIL 316. Mind, Bodies, and Selves. 3 Hours.**

Examines the concepts of minds, bodies, selves and the relationships among them through an exploration of issues at the intersection of philosophy of mind, psychology, neuroscience, and ethics paying special attention to scientific claims regarding mental health and mental illness.

**PHIL 321. Symbolic Logic. 3 Hours.**

An introduction to the techniques of modern symbolic logic with an emphasis on ordinary language applications. Topics include categorical logic, statement logic, and predicate logic. Additional topics vary and may include modal, deontic, and non-classical logics.

**PHIL 322. Decision Theory and Philosophy. 3 Hours.**

An introduction to decision theory and its applications to philosophical issues in epistemology, philosophy of religion, ethics, and political philosophy. Decision theory is a set of principles, concepts and methods that attempts to answer questions like: What does it mean to act rationally? How should uncertainty and risk factor into decision making?.

**PHIL 331. African Philosophy. 3 Hours.**

An introduction to traditions of African philosophical thought focusing on problems of definition, sources, function, and methodology. The course compares the scope and application of African thought on basic philosophical questions of human existence with thought from recent developments in Western philosophy on the same questions. This course may count toward the requirements for program in African, African-American Studies. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**PHIL 333. Chinese Philosophy. 3 Hours.**

An in-depth study of the notions of personhood, human nature, moral responsibility, and social justice as they are developed in the major traditions of classical Chinese thought. Readings may include texts from the Confucian, Daoist, Neo-Confucian, and Buddhist traditions. Knowledge of Chinese language is not required for this course. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**PHIL 335. Buddhist Philosophy. 3 Hours.**

An in-depth study of key concepts in Buddhist philosophy, including personhood, karma, rebirth, and the nature of reality, as developed within Buddhist traditions of India and Tibet. Particular emphasis is placed on arguments used by Buddhist thinkers to advocate or critique philosophical positions held by others, both Buddhist and non-Buddhist. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**PHIL 340. Philosophy of Medicine. 3 Hours.**

This course will provide a study of the practice of medicine through an examination of its fundamental concepts and values, such as the nature of health and disease, the phenomenology of illness, the goals of medical practice, and the roles of individual autonomy and communal interest.

**PHIL 342. Philosophy of Religion. 3 Hours.**

An examination of the meaning of religious beliefs and of arguments about their truth or falsity. The course focuses on religious beliefs about God and includes some discussion of different ideas of God within the Western tradition. This course may count toward requirements for the major in Religion.

**PHIL 344. Philosophy of Biology. 3 Hours.**

An exploration of conceptual and methodological problems in biological science. Topics include nature of species, concepts of function and adaptation in biology, the relationship between evolution and morality, and the notion of gender and race as biological categories. Students will reflect critically on scientific practice and the place of science in a broader context.

**PHIL 345. Philosophy of Language. 3 Hours.**

An exploration of major themes in the philosophy of language, especially as they have developed in the 20th and 21st centuries. Topics may include the nature of language; meaning and reference; metaphor and other non-literal uses of language; and the philosophical implications of contemporary research in linguistics and cognitive psychology.

**PHIL 347. Epistemology. 3 Hours.**

An introduction to central topics in epistemology including the nature, sources, and structure of scientific, moral, and religious belief, justification, and knowledge as well as skeptical challenges to their legitimacy.

**PHIL 348. Metaphysics. 3 Hours.**

An introduction to concepts and issues in metaphysics, such as the mind-body problem and the nature of the basic entities that constitute the universe. The course includes a consideration of differing positions on these issues and gives students the opportunity to develop, articulate, and defend their own positions.

**PHIL 351. Ancient Western Philosophy. 3 Hours.**

An exploration of ancient Western philosophical thought. Topics include the nature, purpose, and best life of persons; justice; the nature and order of the physical world; and the nature of truth. Emphasis is on discussion of primary texts drawn from pre-Socratic fragments and from the works of Plato, Aristotle, and select Hellenistic and Roman philosophers.

**PHIL 352. Early Modern European Philosophy. 3 Hours.**

A historical survey of the rise of modern European philosophy in its cultural setting during the 17th and 18th centuries. Emphasis is on the study of selected primary texts, from Descartes to Hume, in relation to the philosophical, religious, and scientific thought of their day.

**PHIL 353. 19th Century European Philosophy. 3 Hours.**

A survey of the development of 19th-century philosophy beginning with Immanuel Kant. The course examines Kant's legacy in subsequent thinkers such as G.W. F. Hegel, Karl Marx, Soren Kierkegaard, and John Stuart Mill. Issues for discussion include the role of human cognition in constituting reality, the rational basis of faith, the nature of individual liberty, and socio-economic determinants of belief.

**PHIL 354. Existentialism. 3 Hours.**

A survey of ideas and authors in the existentialist tradition. The course examines core ideas of existential philosophy such as freedom, authenticity, anxiety, absurdity, and awareness of death as developed by thinkers like Kierkegaard, Nietzsche, Jaspers, Marcel, Heidegger, Sartre, and Beauvoir. Selected films and literary works may supplement written texts.

**PHIL 355. Phenomenology. 3 Hours.**

An exploration of the phenomenological movement in philosophy focused on thinkers such as Husserl, Heidegger, Arendt, Merleau-Ponty, and Gadamer. The course examines core ideas of phenomenology such as intentionality, embodiment, the life-world, the critique of the theoretical knowing, and the subjectivity of consciousness. Selected poetry and short films may be used to supplement written texts.

**PHIL 357. The Analytic Tradition. 3 Hours.**

A study of landmark works in analytic philosophy from the late 19th century to the present, focusing on figures such as Bertrand Russell, A. J. Ayer, and Ludwig Wittgenstein. The course explores the extent to which a critical understanding of language illuminates philosophical issues in metaphysics, ethics, and epistemology.

**PHIL 358. Ancient Cosmology & Worldview. 3 Hours.**

An examination of the cosmologies and worldviews of the ancient Mediterranean and Middle East, especially as precursors to modern science. Special attention will be paid to the problems of working with texts conceived within the framework of different conceptions of the world and cultures historically linked to, but significantly distinct from, our own.

**PHIL 380. Selected Topics in Philosophy. 1 to 3 Hours.**

Seminars on selected topics in Philosophy offered on an occasional basis.

**PHIL 450. Senior Directed Study. 3 Hours.**

A course of individualized directed study in which the student prepares a written paper (typically a revised and expanded version of earlier work) and makes an oral presentation on the paper topic. Required of all students majoring in philosophy. Normally to be completed in the fall of the senior year.

**PHIL 470. Independent Study in Philosophy. 1 to 3 Hours.**

A course in which the student pursues independently, under the guidance of a member of the department, a specific philosophical topic of interest.

**PHIL 480. Advanced Topics in Philosophy. 1 to 4 Hours.**

Selected topics in Philosophy at the advanced level.

**PHIL 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Physical Education (PHED)

The Department of Physical Education does not offer a major or minor. However, all students are required to complete one PHED course in partial of the fulfillment of the Wellness general education requirement necessary for graduation. Students may complete the course during Fall, Interim or Spring. **Students are NOT permitted to earn more than two credit hours in Physical Education.** Students taking a second PHED course should choose a different activity and thus a different course number from their previously completed class. For example, a student who completes PHED 103, Tennis, and wants to take a second PHED course should plan to take a course other than Tennis.

Instructors associated with the Department of Physical Education typically serve on the Athletics or Student Affairs staff in addition to teaching Physical Education.

## Chair

Stanley V. Broaden

**PHED 102. Fitness. 1 Hour.**

Designed to develop the skills and knowledge for health-enhancing fitness and wellness activities. Including: safety and equipment; stretching; core exercises; distance running; and, interval and circuit training.

**PHED 103. Tennis. 1 Hour.**

Provides students with fundamentals of tennis and the opportunity to compete against other students in the game of tennis. Including: terminology; safety and equipment; rules of the sport; skill instruction; service and return of serve; offensive and defensive strategies; and, court positioning.

**PHED 104. Racquetball. 1 Hour.**

Focused on developing fundamental racquetball skills and knowledge. Including: terminology; safety and equipment; rules of the sport; types of racquetball games; service and return of serve; offensive and defensive strategies; and, court positioning.

**PHED 105. Softball. 1 Hour.**

Students will develop and learn the fundamentals of the sport of softball. Including: safety and equipment; rules of the sport; skill instruction; and, offensive and defensive strategies.

**PHED 106. Karate. 1 Hour.**

Provides students with various training styles of martial arts. Including: terminology; safety; body positioning & stance; blocking, hand and kicking technique; and, skill development.

**PHED 107. Dance. 1 Hour.**

Students will develop fundamental dancing skills based on the instructor's area of expertise and knowledge. Including: history, terminology, safety, dance movements, and positioning.

**PHED 108. Special Activities. 1 Hour.****PHED 109. Team Sports. 1 Hour.**

## Physics (PHY)

The Department of Physics offers both a major and minor course of study. Students interested in the physics major can tailor-make their curriculum to meet their post-graduate needs. Wofford physics majors often go on to graduate school in physics or engineering, medical school, law school, or enter successful careers in the private sector. All students majoring in physics complete a core set of courses rounded out by several electives in areas of personal interest. In addition, students may enhance their physics major by participating in the Pre-Engineering Program (<http://catalog.wofford.edu/degree-program-requirements/preprofessional-programs/>), the Emphasis in Computational Science (p. 71), or the Energy Studies Program (p. 79).

## Honors Courses

The Department of Physics encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

## Chair

G. Mackay Salley

## Professors

Solmaz Bastani  
Gregory O. Boeshaar  
Carolyn M. Martsberger  
Steven B. Zides

## Requirements for the Major in Physics

Course	Title	Hours
<b>Prerequisites and Corequisites</b> <sup>1</sup>		<b>24</b>
PHY 141	Physics for Science & Engineering I (with lab)	
CHEM 123	General Chemistry I (with lab)	
CHEM 124	General Chemistry II (with lab)	
MATH 181	Calculus I	
MATH 182	Calculus II	
MATH 212	Vector Calculus	
MATH 240	Ordinary Differential Equations	

<sup>1</sup> Prerequisites and corequisites require a grade of 'C' or better.

Course	Title	Hours
<b>Required Major Courses</b>		<b>20</b>
PHY 142	Physics for Science & Engineering II (with lab)	
PHY 206	Electronics (with lab)	
PHY 211	Modern Physics	
PHY 221	Mechanics	
PHY 311	Contemporary Physics	
PHY 331	Electricity and Magnetism	

### Advanced Labs **2**

Select two courses from the following:

PHY 371	Advanced Laboratory I
PHY 372	Advanced Laboratory II
PHY 373	Advanced Laboratory III
PHY 374	Advanced Laboratory IV

### Electives **9**

Select 9 credit hours in Physics (PHY) at the 200- level or above

### Total Hours **31**

## Requirements for the Minor in Physics

Course	Title	Hours
<b>Required Minor Courses</b>		<b>14</b>
MATH 181	Calculus I	
MATH 182	Calculus II	
PHY 141	Physics for Science & Engineering I (with lab)	
PHY 142	Physics for Science & Engineering II (with lab)	

### Electives **9**

Select 9 credit hours in Physics (PHY) at the 200- level or above (excluding the Advanced Lab series, PHY 371-374)

### Total Hours **23**

### PHY 103. Physics: Science in Context. 3 Hours.

Students will explore the features that make science an important way of understanding the natural world. This exploration will focus on science-based topics and issues important in our contemporary world.

**PHY 104. Physics: Concepts & Methods (with lab). 4 Hours.**

A study of topics selected to introduce students to basic concepts in physics and/or astronomy, and to the scientific method.

**PHY 108. Astronomy (with lab). 4 Hours.**

A survey course in astronomy which includes observational astronomy, the solar system, stellar structure and evolution, galaxies, cosmological models, and a general introduction to the scientific method.

**PHY 110. Introduction to Engineering Science. 1 Hour.**

An analysis of introductory level engineering projects. Students will engage in practices (design, build, test) that form the critical foundations in the engineering profession which includes professional and societal issues related to engineering science and software tools such as spreadsheets and CAD design.

**PHY 121. General Physics I (with lab). 4 Hours.**

A study of mechanics, heat, light, sound, electricity, magnetism, and modern physics using algebra, trigonometry, and limits.

**PHY 122. General Physics II (with lab). 4 Hours.**

A continuation of PHY 121 in the study of mechanics, heat, light, sound, electricity, magnetism, and modern physics using algebra, trigonometry, and limits.

**Prerequisite:** PHY 121 with a minimum grade of D.

**PHY 141. Physics for Science & Engineering I (with lab). 4 Hours.**

A calculus-based study of mechanics, heat, light, sound, electricity, magnetism, and modern physics suitable for those majoring in areas such as physics or chemistry and for those in pre-engineering. Students may take MATH 181 concurrently.

**Prerequisite:** MATH 181 with a minimum grade of C.

**PHY 142. Physics for Science & Engineering II (with lab). 4 Hours.**

A continuation of PHY 141 in a calculus-based study of mechanics, heat, light, sound, electricity, magnetism, and modern physics suitable for majors in areas such as physics or chemistry and programs in pre-engineering.

**Prerequisite:** PHY 141 with a minimum grade of C and MATH 181 with a minimum grade of C.

**PHY 202. Energy. 3 Hours.**

An introduction to the scientific framework behind energy and how this fundamental property of our universe applies to a variety of environmental issues. Students will learn the language scientists use to discuss energy, gain the skills to understand the complexities of energy production from a scientific lens, and learn how these aspects directly impact our community.

**Prerequisite:** PHY 121 with a minimum grade of C or PHY 141 with a minimum grade of C or CHEM 123 with a minimum grade of C or ENVS 150 with a minimum grade of C.

**PHY 204. Medical Physics. 3 Hours.**

A study of the major applications of physics in modern medicine. The course will investigate techniques and instrumentation involved in the health industry.

**Prerequisite:** (PHY 121 with a minimum grade of C and PHY 122 with a minimum grade of C) or (PHY 141 with a minimum grade of C and PHY 142 with a minimum grade of C).

**PHY 206. Electronics (with lab). 4 Hours.**

An elementary course in the principles of electronic devices, circuits, and instruments. It is intended for students of science who desire some understanding of the electronic instrumentation they use.

**Prerequisite:** PHY 122 with a minimum grade of C or PHY 142 with a minimum grade of C.

**PHY 208. Introduction to Astrophysics. 3 Hours.**

Explore the major topics in planetary and stellar astrophysics, with an emphasis on the physical properties behind each astrophysical phenomenon.

**Prerequisite:** MATH 181 with a minimum grade of C and PHY 142 with a minimum grade of C.

**PHY 211. Modern Physics. 3 Hours.**

Examine the major developments in physics since 1895, with emphasis on special relativity, the atom, the nucleus, and 'elementary particles'. MATH 210 or 212 may be taken concurrently.

**Prerequisite:** PHY 142 with a minimum grade of C and (MATH 210 with a minimum grade of C or MATH 212 with a minimum grade of C).

**PHY 221. Mechanics. 3 Hours.**

Classical Newtonian analytical mechanics. Newton's laws are used together with vector analysis to analyze problems in statics and dynamics, with emphasis upon the latter. Problem-solving situations include rectilinear particle dynamics (especially oscillators), general particle dynamics, non-inertial reference frames, central forces, systems of particles, and mechanics of rigid bodies.

**Prerequisite:** (MATH 210 with a minimum grade of C or MATH 212 with a minimum grade of C) and PHY 141 with a minimum grade of C.

**PHY 231. Thermodynamics. 3 Hours.**

Development and application of basic concepts and methods useful in understanding thermal phenomena. The approach is divided into three basic branches: classical thermodynamics, kinetic theory, and statistical mechanics.

**Prerequisite:** (MATH 210 with a minimum grade of C or MATH 212 with a minimum grade of C) and PHY 142 with a minimum grade of C.

**PHY 250. Introduction to Research. 1 Hour.**

An opportunity to learn the elements of research in physics by participating in one of the department's existing research projects. A maximum of four semester hours may be earned in this way. Instructor permission required.

**PHY 280. Selected Topics in Physics. 1 to 4 Hours.**

An opportunity to participate in a special intermediate course offering. Students planning to take this course should consult with the instructor during the previous semester.

**PHY 311. Contemporary Physics. 3 Hours.**

The general physics background of the student serves as a tool for comprehending readings taken from professional physics publications on topics with significant relationship to life outside the laboratory. The course demands substantial progress in technical writing, technical speaking, and technical literature search skills as measured against normal professional requirements in the field.

**Prerequisite:** PHY 331 with a minimum grade of C.

**PHY 321. Optics. 3 Hours.**

The presentation and demonstration of the proper use of several alternative models of the electromagnetic spectrum, including the ray model, the wave model, and the quantum model.

**Prerequisite:** (MATH 210 with a minimum grade of C or MATH 212 with a minimum grade of C) and PHY 142 with a minimum grade of C.

**PHY 331. Electricity and Magnetism. 3 Hours.**

Explore physics and mathematics of the classical description of the electromagnetic field including the experimental and theoretical background for each of Maxwell's equations in both vacuum and matter.

**Prerequisite:** PHY 142 with a minimum grade of C and (MATH 210 with a minimum grade of C or MATH 212 with a minimum grade of C).

**PHY 341. Quantum Physics. 3 Hours.**

The mathematical structure and physical meaning of quantum mechanics, as a fundamental theory of physics, are developed at the intermediate level. Problems are drawn from areas such as the structure of nuclei, atoms, molecules, and crystals.

**Prerequisite:** (MATH 210 with a minimum grade of C or MATH 212 with a minimum grade of C) and PHY 211 with a minimum grade of C.

**PHY 371. Advanced Laboratory I. 1 Hour.**

The first in a series of four semester-long courses focused on experiments and projects that develop the basic experimental skills that a student majoring in physics should have. These include use of standard physics instrumentation, some familiarity with shop tools, laboratory record-keeping and report-writing, and knowledge of ways in which basic physical quantities are measured. This course is the pre-requisite for all advanced laboratory courses. Students may take PHY 211 concurrently.

**Prerequisite:** PHY 142 with a minimum grade of C.

**PHY 372. Advanced Laboratory II. 1 Hour.**

One in a series of four semester-long courses focused on experiments and projects that develop the basic experimental skills that a student majoring in physics should have. These include use of standard physics instrumentation, some familiarity with shop tools, laboratory record-keeping and report-writing, and knowledge of ways in which basic physical quantities are measured.

**Prerequisite:** PHY 371 with a minimum grade of C.

**PHY 373. Advanced Laboratory III. 1 Hour.**

One in a series of four semester-long courses focused on experiments and projects that develop the basic experimental skills that a student majoring in physics should have. These include use of standard physics instrumentation, some familiarity with shop tools, laboratory record-keeping and report-writing, and knowledge of ways in which basic physical quantities are measured.

**Prerequisite:** PHY 371 with a minimum grade of C.

**PHY 374. Advanced Laboratory IV. 1 Hour.**

One in a series of four semester long-courses focused on experiments and projects that develop the basic experimental skills that a student majoring in physics should have. These include use of standard physics instrumentation, some familiarity with shop tools, laboratory record-keeping and report-writing, and knowledge of ways in which basic physical quantities are measured.

**Prerequisite:** PHY 371 with a minimum grade of C.

**PHY 441. Advanced Mechanics. 3 Hours.**

An advanced treatment of topics studied in PHY 221, Mechanics, including Lagrangian mechanics, coupled oscillators, numerical calculations, and other selected topics.

**Prerequisite:** MATH 240 with a minimum grade of C- and PHY 221 with a minimum grade of C-.

**PHY 442. Advanced Electricity and Magnetism. 3 Hours.**

An advanced treatment of topics studied in PHY 331, Electricity and Magnetism, including applications of Maxwell's equations, radiation theory, electrodynamics, and other selected topics.

**Prerequisite:** MATH 240 with a minimum grade of C- and PHY 331 with a minimum grade of C-.

**PHY 451. Research I. 2 Hours.**

Active participation in a research project selected from one of the department's existing projects, or developed earlier in Physics 250 or in coordination with a faculty member. The student is expected to maintain a regular weekly schedule of lab and library work in connection with this project, keep a notebook in standard format, and write a detailed research report to be retained by the faculty member. Permission of instructor required.

**PHY 452. Research II. 2 Hours.**

Active participation in a research project selected from one of the department's existing projects, or developed earlier in Physics 250 or in coordination with a faculty member. The student is expected to maintain a regular weekly schedule of lab and library work in connection with this project, keep a notebook in standard format, and write a detailed research report to be retained by the faculty member. Permission of instructor required.

**PHY 470. Independent Study in Physics. 1 to 3 Hours.**

Study of a specific topic in physics under the direction of a departmental faculty member. The readings, program of research, and written work to be undertaken by the student will be determined in consultation with the instructor.

**PHY 480. Advanced Topics in Physics. 1 to 4 Hours.**

An opportunity to participate in a special advanced course offering. Students planning to take this course should consult with the instructor during the previous semester. Permission of instructor required.

## Psychology (PSY)

The Department of Psychology offers a major that leads to the Bachelor of Science degree. Students majoring in Psychology are also eligible to complete the Program in Neuroscience or the Emphasis in Computational Science. The program in Neuroscience is an interdisciplinary examination of the nervous system and its regulation of behavior. It is administered by both the departments of Biology and Psychology. Many of the required courses will apply to both fields of study. A description of the Neuroscience (p. 119) program requirements can be found the *Catalog*. The Emphasis in Computational Science is an interdisciplinary field which applies computer science and mathematics to psychology and other natural sciences. For requirements, see the Computational Science (p. 70) section of the *Catalog*.

### Honors Courses

The Department of Psychology encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

## Chair

Cecile M. Nowatka

## Professors

Kara L. Bopp  
 Crystal C. Carr  
 Dane C. Hilton  
 John C. Lefebvre  
 Dawn E. McQuiston  
 David W. Pittman  
 Katherine M. Steinmetz

## Requirements for the Major in Psychology

Course	Title	Hours
<b>Corequisite</b>		
Select one course from the following:		
BIO 150	Biological Inquiry (with lab) <sup>1</sup>	
CHEM 104	Chemistry: Concepts & Methods (with lab)	
CHEM 123	General Chemistry I (with lab)	
ENVS 150	Introduction to Earth System Science (with lab)	
ENVS 160	Introduction to Sustainability Science (with lab)	
PHY 104	Physics: Concepts & Methods (with lab)	
PHY 108	Astronomy (with lab)	
PHY 121	General Physics I (with lab)	
PHY 141	Physics for Science & Engineering I (with lab)	

<sup>1</sup> BIO 150, *Biological Inquiry (with lab)*, is strongly recommended.

Course	Title	Hours
<b>Required Major Courses</b>		<b>14</b>
PSY 150	Introduction to Psychological Science (with lab) <sup>2</sup>	
PSY 160	Introduction to Statistics in Psychology	
PSY 161	Research Methods in Psychology	
PSY 230	Biological Psychology (with lab)	
<b>Group 1</b>		<b>3</b>
Select one course from the following:		
PSY 220	Abnormal Psychology	
PSY 240	Child & Adolescent Development	
<b>Group 2</b>		<b>3</b>
Select one course from the following:		
PSY 260	Personality	
PSY 270	Health Psychology	
<b>Upper-Level Lab Courses</b>		<b>8</b>
Select two courses from the following:		
PSY 300	Learning & Adaptive Behavior (with lab)	
PSY 310	Cognitive Science (with lab)	
PSY 315	Sensation & Perception (with lab)	
PSY 350	Social Psychology (with lab)	

### Upper-Level Electives 6

Select 6 credit hours in Psychology (PSY) courses at the 300- or 400-level

### Senior Thesis 4

PSY 451 Senior Thesis I  
 or PSY 452 Senior Thesis II

### Total Hours 38

<sup>2</sup> Credit for AP Psychology with the appropriate score and accepted by Wofford College will fulfill this requirement.

### PSY 103. Psychology: Science in Context. 3 Hours.

Students will explore the features that make science an important way of understanding the natural world. This exploration will focus on science-based topics and issues important in our contemporary world.

### PSY 104. Psychology: Concepts & Methods (with lab). 4 Hours.

A study of topics selected to introduce students to basic concepts in psychology and to the scientific method.

### PSY 110. Introductory Psychology. 3 Hours.

This course will provide students with a broad knowledge base of major concepts, theories, and research methods in the field of psychology. A scientific approach will be taken to examine topics to allow students to critically think about and apply psychological principles to their lives. Requires junior or senior standing to enroll and will not apply to the general education science requirement. Students may not earn credit for both PSY 110 and PSY 150.

### PSY 150. Introduction to Psychological Science (with lab). 4 Hours.

Identical to PSY 110 with a lab component. This course will provide students with a broad knowledge base of the major concepts, theories, and research methods in the field of psychology. Emphasis will be placed on the use of critical thinking skills, and how students can apply psychological principles to their lives. The laboratory section will provide the opportunity to collect, analyze, and interpret data. Student will also understand and develop scientific writing and oral communication skills through revised APA style report and a presentation. Students may not earn credit for both PSY 110 and PSY 150.

### PSY 160. Introduction to Statistics in Psychology. 3 Hours.

Students will learn basic concepts in descriptive and inferential statistics, emphasizing applications to psychology. The course will also focus on the use of appropriate statistical methods when conducting research, assessing the validity of statistical results in scientific work, and writing scientific results using APA guidelines. Students will learn the necessary fundamental knowledge needed to complete further psychology laboratory courses.

**Prerequisite:** PSY 110 with a minimum grade of D or PSY 150 with a minimum grade of D.

### PSY 161. Research Methods in Psychology. 3 Hours.

Course is designed to acquaint students with scientific methods used in psychology. Students will acquire skills necessary to design reliable and valid experiments, interpret data, and write scientific reports using APA (American Psychological Association) guidelines. The course covers fundamental methodological, statistical, and writing skills necessary for further laboratory courses.

**Prerequisite:** PSY 160 with a minimum grade of C.

**PSY 220. Abnormal Psychology. 3 Hours.**

The study of the causes of inappropriate behaviors and cognitions (including mental illness) and techniques for redirecting such behaviors and cognitions.

**PSY 230. Biological Psychology (with lab). 4 Hours.**

An introduction to the concepts and experimental techniques of biological psychology. This course covers the scope of genetic, neural, and hormonal processes that underlie behavior.

**Prerequisite:** PSY 161 with a minimum grade of C or PSY 200 with a minimum grade of C.

**PSY 240. Child & Adolescent Development. 3 Hours.**

A survey of child and adolescent development. Major theories about and influences on cognitive, emotional, physical, and moral development are explored.

**PSY 250. Social Psychology. 3 Hours.**

An exploration of the basic questions addressed by social psychology (e.g., how people influence each other) and the classic experiments conducted to test the theories.

**PSY 255. Introduction to Research. 1 to 3 Hours.**

Research experience is an integral skill required in the field of psychology. This course provides an opportunity for students to become engaged in research projects in the Department of Psychology early in their undergraduate education.

**PSY 256. Introduction to Research II. 1 to 3 Hours.**

Research experience is an integral skill required in the field of psychology. This course provides an opportunity for students to become engaged in research projects in the Department of Psychology early in their undergraduate education.

**PSY 260. Personality. 3 Hours.**

The development and identification of personality from an experimental/empirical standpoint.

**PSY 270. Health Psychology. 3 Hours.**

An introduction to the rapidly developing field of health psychology. Our thoughts, feelings, motives, and behaviors influence our physical health, and they are involved in the causes and maintenance of various potentially fatal diseases. This course explores how psychology contributes to an understanding of the genesis, treatment, maintenance, and prevention of a number of medical conditions, as well as implications for health care practice and policy.

**PSY 280. Selected Topics in Psychology. 0 to 4 Hours.**

Selected topics in psychology at the introductory or intermediate level.

**PSY 300. Learning & Adaptive Behavior (with lab). 4 Hours.**

A survey of the general principles of learning and adaptive behavior in humans and lower animals. The course emphasizes the evolution of these mechanisms, their current adaptive function, and current models of learning processes.

**Prerequisite:** PSY 230 with a minimum grade of D.

**PSY 310. Cognitive Science (with lab). 4 Hours.**

A survey of the experimental analysis of how the mind works, including the topics of perception, attention, human memory, language, imagery, problem solving and decision making.

**Prerequisite:** PSY 230 with a minimum grade of D.

**PSY 315. Sensation & Perception (with lab). 4 Hours.**

A study of how the mind processes incoming sensory neural signals in order to create our perception of the world, including topics of transduction, neural coding, and the influence of cognitive processes such as attention, memory and experience.

**Prerequisite:** PSY 230 with a minimum grade of D.

**PSY 325. Abnormal Child Psychology. 3 Hours.**

A seminar course designed to synthesize the various problematic behaviors, cognitions, and emotion in children. Students will integrate the major issues in the assessment, classification, and treatment of childhood disorders as well as evaluate the current scientific literature related to these disorders. An emphasis will be placed on class participation, writing assignments, and reading original journal articles.

**Prerequisite:** (PSY 160 with a minimum grade of C or PSY 200 with a minimum grade of C) and (PSY 220 with a minimum grade of C or PSY 240 with a minimum grade of C).

**PSY 330. Behavioral Neuroscience. 3 Hours.**

An advanced study of the relationship between the human nervous system and behavior. Both case studies and primary research will be used as a model to explore a wide spectrum of behaviors and neural systems not including neurological disorders. The optional lab provides an opportunity to gain expertise in the quantification and analysis of animal behavior as well as advanced electrophysiological techniques such as EEG, EOG, integrated whole nerve recordings, and single neuron recordings in both human and animal models. Students with the appropriate academic background may be exempted from the prerequisite by the instructor.

**Prerequisite:** PSY 230 with a minimum grade of D.

**PSY 333. Clinical Neuroscience. 3 Hours.**

An advanced study of the relationship between the human nervous system and behavior using neurological disorders as the model. Both case studies and primary research will be used to explore a wide spectrum of neurological disorders. Students with the appropriate academic background may be exempted from the prerequisite by the course instructor.

**Prerequisite:** PSY 230 with a minimum grade of D.

**PSY 335. Affective Neuroscience. 3 Hours.**

Affective neuroscience refers to the study of the brain's role in processing emotions, moods and attitudes. In addition to providing an overview of the methods used in affective neuroscience, this course will explore topics including, how emotions are used to make decisions, how emotional responses can be regulated, and how emotional experiences are perceived, attended to and remembered. This course will also examine how these processes break down in affective disorders such as depression, anxiety disorders and post-traumatic stress disorder.

**Prerequisite:** PSY 230 with a minimum grade of D.

**PSY 337. Human Memory. 3 Hours.**

A seminar course designed to examine specific research questions, methods, findings and conclusions about human memory. Students will read, analyze and discuss current and classic original journal articles. Emphasis will be placed on improving skills of critical thinking, article reading, APA style writing, and public speaking in the context of memory research.

**Prerequisite:** PSY 230 with a minimum grade of D.



**PSY 340. Adult Development and Aging. 3 Hours.**

A study of development (cognitive, emotional, and social, through adulthood and aging) and of relevant issues such as Alzheimer's disease and death.

**Prerequisite:** PSY 230 with a minimum grade of D and PSY 240 with a minimum grade of D.

**PSY 350. Social Psychology (with lab). 4 Hours.**

A survey and experiential laboratory course that explores of the concepts, theories, and methods in social psychology (e.g., how people influence each other). Students may take PSY 230 concurrently.

**Prerequisite:** PSY 161 with a minimum grade of C and PSY 230 with a minimum grade of D.

**PSY 351. Psychopharmacology. 3 Hours.**

A study of the actions of psychoactive drugs on the nervous system and behavior. Some prior acquaintance with basic neuroanatomy, neurophysiology, and behavioral techniques is suggested.

**Prerequisite:** PSY 230 with a minimum grade of D.

**PSY 355. Industrial Psychology. 3 Hours.**

A general course designed to acquaint students with the uses of psychology in industrial applications. Emphasis on interviewing, motivating, selling, brainstorming, and related aspects of social psychological processes in industrial settings. Of special interest to students of business, law, and the ministry.

**Prerequisite:** PSY 161 with a minimum grade of D or PSY 200 with a minimum grade of D.

**PSY 360. Applied Statistics for Psychology. 3 Hours.**

A course in statistics and other quantitative methods applied to psychology.

**Prerequisite:** MATH 140 with a minimum grade of D and (PSY 161 with a minimum grade of D or PSY 200 with a minimum grade of D).

**PSY 365. Psychology & the Law. 3 Hours.**

A seminar course designed to examine empirical research and procedural/investigative issues in the interface of psychology and law. This course will explore standard practices in the criminal justice system and psychological research devoted to investigating and improving those practices.

**Prerequisite:** PSY 110 with a minimum grade of D or PSY 150 with a minimum grade of D.

**PSY 420. Clinical Psychology. 3 Hours.**

A course teaching techniques of interviewing clients to diagnose problems, types of therapy and their appropriateness for the various types of problems, the distinction between ineffective and effective therapeutic techniques, and the measurement of the effectiveness of an intervention. This course exposes students to the research, teaching, and clinical service roles performed by clinical psychologists.

**Prerequisite:** (PSY 160 with a minimum grade of D or PSY 200 with a minimum grade of D) and PSY 220 with a minimum grade of D and (PSY 250 with a minimum grade of D or PSY 260 with a minimum grade of D or PSY 270 with a minimum grade of D).

**PSY 430. Psychological Assessment. 3 Hours.**

A study of the function, construction, and application of standardized tests as part of a broader approach to the assessment of the individual. Special emphasis on intelligence testing.

**Prerequisite:** (PSY 161 with a minimum grade of D or PSY 200 with a minimum grade of D) and PSY 220 with a minimum grade of D.

**PSY 448. Internship. 3 Hours.**

A course in which students become involved in the practical application of psychological training. Students work a minimum of ten hours a week in a community program under supervision at such agencies as the Spartanburg Mental Health Center, Broughton State Hospital, Charles Lea Center, or Spartanburg Alcohol and Drug Abuse Commission. Open only to students majoring in Psychology.

**PSY 450. Comparative Cognition. 3 Hours.**

A seminar designed to examine specific research questions, methods, findings, and conclusions about comparative cognition. Students will learn about specific topics within animal cognition by reading, analyzing, and discussing current and classic original journal articles. The course emphasizes improving skills of critical thinking, article reading, writing in APA style, and public speaking in the context of research in comparative cognition. Instructor permission required.

**Prerequisite:** PSY 300 with a minimum grade of D.

**PSY 451. Senior Thesis I. 4 Hours.**

A research-oriented seminar focusing on the mechanisms of behavior, cognition, perception, or social interaction. Students conduct a major experiment with human or animal subjects and present their findings in a written report meeting American Psychological Association journal form requirements. A comprehensive written review of the professional literature in the student's area of research is also required. Students must complete either 451 or 452, but they may complete both courses.

**Prerequisite:** PSY 300 with a minimum grade of D or PSY 310 with a minimum grade of D or PSY 315 with a minimum grade of D.

**PSY 452. Senior Thesis II. 4 Hours.**

A research-oriented seminar focusing on the mechanisms of behavior, cognition, perception, or social interaction. Students conduct a major experiment with human or animal subjects and present their findings in a written report meeting American Psychological Association journal form requirements. A comprehensive written review of the professional literature in the student's area of research is also required. Students must complete either 451 or 452, but they may complete both courses.

**Prerequisite:** PSY 300 with a minimum grade of D or PSY 310 with a minimum grade of D or PSY 315 with a minimum grade of D.

**PSY 460. Advanced Research. 0 to 4 Hours.**

This course is designed to permit students to learn independent research techniques through actually planning and conducting an experiment. A final paper meeting American Psychological Association journal form requirements completes the experiment. Open only to students majoring in Psychology.

**PSY 480. Advanced Topics in Psychology. 1 to 4 Hours.**

An intensive examination of an advanced area of psychology. Specific content is designed to meet the needs and interests of students. Open only to students majoring in psychology.

**PSY 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Religion (REL)

The Department of Religion offers both a major and minor. It also participates in a number of interdisciplinary majors, minors, and programs in coordination with other departments. Religion courses are divided

into specific areas: Introductory, Texts, Theology & Ethics, Traditions, Religion & Culture, Seminars, and Electives.

## Honors Courses

The Department of Religion encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

## Chair

Katherine J. Jones

## Professors

A.K. Anderson  
Courtney M. Dorroll  
Philip C. Dorroll  
Ingrid E. Lilly  
Daniel B. Mathewson  
Ronald R. Robinson

## Requirements for the Major in Religion

Course	Title	Hours
<b>Prerequisites and Corequisites</b>		
ENGL 388	Public Speaking	
<b>Field I, Texts</b>		<b>3</b>
Select one course from the following:		
REL 201	The Hebrew Bible	
REL 202	The New Testament	
REL 210	Archeology of Religion	
<b>Field II, Theology and Ethics</b>		<b>3</b>
Select one course from the following:		
REL 220	The Christian Faith	
REL 221	Introduction to Islam	
REL 222	Introduction to Confucianism	
<b>Field III, Traditions</b>		<b>3</b>
Select one course from the following:		
REL 240	Religions of the World	
REL 241	Religions of the World II: The Newer Traditions	
<b>Field IV, Religion and Culture</b>		<b>3</b>
Select one course from the following:		
REL 260	Introduction to Religion	
REL 261	Religious Pilgrimage	
REL 263	Ethnography of Religion in the Middle East & North Africa	
REL 264	Religion & Medicine	

Course	Title	Hours
<b>Required Major Courses</b>		
<b>Field I, Texts</b>		<b>3</b>
Select one course from the following:		
REL 301	The Historical Jesus	
REL 304	Gods of the Biblical World: Polytheism, Magic, and Israelite Religion	
REL 305	Death & Sacrifice in the Ancient World	

REL 306	Angels & Demons: Intermediary Celestial Beings in Historical Perspective	
REL 307	The Bible & Human Migration	
REL 308	Sex & Bodies in the Hebrew Bible	
REL 310	Lost Christianities	
REL 311	Prophecy and Apocalyptic	
REL 312	Israel's Poetry and Wisdom Literature	
REL 315	Archeology and the Bible	
<b>Field II, Theology and Ethics</b>		<b>3</b>
Select one course from the following:		
REL 323	Belief Amidst Bombshells: Western Public Religious Thought, 1900-1965	
REL 328	To Hell with Dante	
REL 331	Christian & Islamic Theology in Comparative Perspective	
REL 332	Spirituality & Traditional Chinese Medicine	
REL 333	Gender, Religion, George Eliot	
<b>Field III, Traditions</b>		<b>3</b>
Select one course from the following:		
MENA 354	Middle Eastern & North African Studies: An Area Studies Seminar	
REL 351	Political Islam	
REL 352	Premodern Islam	
REL 353	Contemporary Islam	
REL 357	Buddhist Religious Traditions	
REL 358	Hindu Religious Traditions	
<b>Field IV, Religion and Culture</b>		<b>3</b>
Select one course from the following:		
REL 360	A Global Guide to Caring for the Self	
REL 361	Fieldwork on Religion	
REL 362	Ritualized Space in the Middle East	
REL 363	Islam in the Media	
REL 365	Religion & Pop Culture	
REL 370	Religious Extremism	
REL 373	Religion & Law	
REL 375	Cults, Sects, and New Religious Movements	
REL 379	American Evangelicalism	
<b>Theory</b>		<b>3</b>
REL 474	Theories of Religion	
<b>Senior Seminar</b>		<b>3</b>
REL 475	Senior Directed Study in Religion	
<b>Upper-Level Electives</b> <sup>1</sup>		<b>9</b>
Select three additional courses in Religion (REL) at the 300- or 400-level		
<b>Total Hours</b>		<b>27</b>

<sup>1</sup> PHIL 342 Philosophy of Religion, REL 325 Religion, Literature & the Environment and REL 340 Religion in the American South *may also be taken to satisfy the elective requirement, but do not apply to any field requirements.* MENA 354 Middle Eastern & North African Studies: An Area Studies Seminar, *may apply to the elective requirement as well.*

## Requirements for the Minor in Religion

Course	Title	Hours
<b>Introductory Courses (select three courses, each from a different field)</b>		<b>9</b>
<b>Field I, Texts</b>		
REL 201	The Hebrew Bible	
REL 202	The New Testament	
REL 210	Archeology of Religion	
<b>Field II, Theology and Ethics</b>		
REL 220	The Christian Faith	
REL 221	Introduction to Islam	
REL 222	Introduction to Confucianism	
<b>Field III, Traditions</b>		
REL 240	Religions of the World	
REL 241	Religions of the World II: The Newer Traditions	
<b>Field IV, Religion and Culture</b>		
REL 260	Introduction to Religion	
REL 261	Religious Pilgrimage	
REL 263	Ethnography of Religion in the Middle East & North Africa	
REL 264	Religion & Medicine	
<b>Upper Level Courses (select 12 credit hours from at least two different fields.)<sup>1</sup></b>		<b>12</b>
<b>Field I, Texts</b>		
REL 301	The Historical Jesus	
REL 304	Gods of the Biblical World: Polytheism, Magic, and Israelite Religion	
REL 305	Death & Sacrifice in the Ancient World	
REL 306	Angels & Demons: Intermediary Celestial Beings in Historical Perspective	
REL 307	The Bible & Human Migration	
REL 308	Sex & Bodies in the Hebrew Bible	
REL 310	Lost Christianities	
REL 311	Prophecy and Apocalyptic	
REL 312	Israel's Poetry and Wisdom Literature	
REL 315	Archeology and the Bible	
<b>Field II, Theology and Ethics</b>		
REL 323	Belief Amidst Bombshells: Western Public Religious Thought, 1900-1965	
REL 328	To Hell with Dante	
REL 331	Christian & Islamic Theology in Comparative Perspective	
REL 332	Spirituality & Traditional Chinese Medicine	
REL 333	Gender, Religion, George Eliot	
<b>Field III, Traditions</b>		
REL 351	Political Islam	
REL 352	Premodern Islam	
REL 353	Contemporary Islam	
REL 357	Buddhist Religious Traditions	
REL 358	Hindu Religious Traditions	

MENA 354 Middle Eastern & North African Studies: An Area Studies Seminar

### Field IV, Religion and Culture

REL 360 A Global Guide to Caring for the Self  
 REL 361 Fieldwork on Religion  
 REL 362 Ritualized Space in the Middle East  
 REL 363 Islam in the Media  
 REL 365 Religion & Pop Culture  
 REL 370 Religious Extremism  
 REL 373 Religion & Law  
 REL 375 Cults, Sects, and New Religious Movements  
 REL 379 American Evangelicalism

**Total Hours 21**

<sup>1</sup> REL 325, 340, 380, 470, 474, and 480 may be counted toward the minor, with permission of the chair of the department.

#### REL 201. The Hebrew Bible. 3 Hours.

The life and thought of ancient Israel as seen in a literary, historical, and theological analysis of the Hebrew Bible and the Apocrypha.

#### REL 202. The New Testament. 3 Hours.

The emergence of Christianity in the world as seen from an analysis of New Testament writings.

#### REL 210. Archeology of Religion. 3 Hours.

Students will become familiar with basic concepts in the archaeology of religion. Theoretical and methodological readings will include ritual studies, symbols and semiotics, and the archaeology of sacred space and landscapes. The course will emphasize the archaeology of Middle Eastern, African, Pacific Island, and New World religions alongside Mediterranean, European, East Asian, and contemporary American evidence by means of case studies ranging from prehistoric practices through religiously-charged twentieth century sites. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

#### REL 220. The Christian Faith. 3 Hours.

The major convictions of the Christian faith examined historically and in relation to their relevancy for modern life.

#### REL 221. Introduction to Islam. 3 Hours.

This course will introduce students to the religion of Islam through an introduction to the foundational elements of Islamic religious tradition, history, and practice. It will also maintain a focus on developing the skills necessary to use this knowledge in approaching and interpreting current events and media coverage of Muslim societies today. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 222. Introduction to Confucianism. 3 Hours.**

Roughly 2500 years after his death, Confucius still has significant, widespread influence in contemporary society. This course will focus on the nature of Confucian thought and practice, and look to understand the variety of ways Confucianism impacts modern Asian societies. It will do this by first studying early Confucian thinking, as well as the development of Neo-Confucianism. Then the course will turn to highlight the presence of Confucianism in the modern world, both as it appears in contemporary Asian literature, and in the political and social lives of countries such as South Korea, Singapore, Vietnam, and Taiwan. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**REL 240. Religions of the World. 3 Hours.**

An introduction to the major living religions found throughout the world, including Hinduism, Buddhism, Judaism, Christianity, and Islam. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 241. Religions of the World II: The Newer Traditions. 3 Hours.**

An introduction to some of the religions founded during the last two centuries that now have a sizeable global following. Religions to be covered may include several of the following: Mormonism, the Adventist tradition, Jehovah's Witnesses, Christian Science, The Unification Church, Scientology, Falun Gong, Soka Gakkai, the Baha'i Faith, and Wicca.

**REL 260. Introduction to Religion. 3 Hours.**

This course is an introductory study of typical religious beliefs and practices. Characteristic forms of religion will be explored, specific rituals will be investigated, and particular problems in religion will be analyzed. Students will identify some religious aspects of contemporary cultures and will become familiar with methods used in the academic study of religion. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 261. Religious Pilgrimage. 3 Hours.**

This course examines religious thought and practice through the lens of ritual theory. Students explore what various scholars in the field of religious studies and related fields (anthropology and sociology, for example) have said about rites and rituals. Primary topics of focus include the structure and role of initiation rites, the functions of communities, and the lives of religious virtuosos such as mendicants and shamans. Also considered are various types of quest and the roles these journeys play in the formation of identity. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 263. Ethnography of Religion in the Middle East & North Africa. 3 Hours.**

Students will learn about religion in the Middle East and North Africa by way of ethnographic research. Students will learn the step-by-step process of ethnographic fieldwork by coming up with interview questions, trying participant observation and gathering secondary research on the ethnographic method. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 264. Religion & Medicine. 3 Hours.**

A survey of the approaches to medicine and health found in a variety of the globe's religious traditions. In addition, the class will give attention to religious perspectives on key ethical questions that emerge in healthcare, as well as to the question of what roles religion may or may not play in the health of individuals. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 280. Selected Topics in Religion. 1 to 4 Hours.**

Selected topics in Religion at the introductory or intermediate level.

**REL 301. The Historical Jesus. 3 Hours.**

An historical examination of Jesus of Nazareth, with special attention to the problems posed by the literary sources. Current historical and archaeological scholarship will be explored in order to identify what can and cannot be affirmed about Jesus with historical confidence.

**REL 304. Gods of the Biblical World: Polytheism, Magic, and Israelite Religion. 3 Hours.**

This course will situate Israelite religion, both as portrayed in the biblical texts and as reconstructed based on archaeological evidence and in its wider Levantine and Near Eastern religious contexts. This will be done through a comparative religions approach, examining the gods, rituals, and beliefs of Israel's neighbors Ammon, Moab, Phoenicia, Philistia, etc. Ultimately, consideration will be given as to how monotheism arose in Israel and survived through the biblical texts. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 305. Death & Sacrifice in the Ancient World. 3 Hours.**

This course will explore ways that ancient peoples from across the Greek, Roman, and Near Eastern worlds thought about death and the afterlife, including religiously-sanctioned deaths in the form of animal and human sacrifice. Evaluation of archaeological evidence (from tombs and inscriptions) will be coupled with the study of ancient literature in translation. This work will offer context for biblical tropes, like the loss of immortality in the Garden of Eden, poetry surrounding souls in 'sheol' or Hades, and the ideological significance of Jesus' conquest of death. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 306. Angels & Demons: Intermediary Celestial Beings in Historical Perspective. 3 Hours.**

Students will become familiar with the Mediterranean and Near Eastern history of angels and demons. Readings will emphasize Mesopotamian, Egyptian, Levantine, Greek, Roman, and Arabian textual and archaeological sources (from the second millennium BCE to the first millennium CE) underlying angelological and demonological systems in many ancient and modern religious systems. Discussions will explore anthropological and religious studies' theory as well as recurring themes like cultural anxieties, desires for personal protection, and the flexible social roles these 'lesser' celestial beings seem to serve over time.

**REL 307. The Bible & Human Migration. 3 Hours.**

An introduction to the concepts and approaches to human migration in biblical literature. Analysis of the stories of migration, displacement, border crossings, and transcultural identities, including the Exodus, Babylonian exile, Jesus's birth narrative and diaspora writings of the New Testament. Engages students with biblical literature in the modern context of human migration. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 308. Sex & Bodies in the Hebrew Bible. 3 Hours.**

A cultural approach to ancient embodiment in order to analyze diverse biblical texts, evaluate several critical approaches to the study of bodies, and explore how sexuality and embodiment relate to religious literature. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 310. Lost Christianities. 3 Hours.**

An exploration of orthodoxy and heresy in early Christianity, with special focus on alternative forms of Christianity that did not survive. Particular attention will be devoted to Gnosticism, Arianism, Donatism, and Pelagianism, as well as non-orthodox scriptures and the selection of the New Testament canon.

**REL 311. Prophecy and Apocalyptic. 3 Hours.**

A study of messengers from God in ancient Israel, early Judaism, and early Christianity, with particular attention to the contributions of these messengers to society, culture, ethics, and theology. The persistence of apocalyptic eschatology in global culture will be a topic of particular interest.

**REL 312. Israel's Poetry and Wisdom Literature. 3 Hours.**

The religious and philosophical thought of Israel's Wisdom Movement as found in the books of Proverbs, Ecclesiastes, Job, and portions of the Apocrypha. Also, a study of the forms of Hebrew poetry analyzed with reference to the Psalter as the vehicle of ancient Israel's devotional life in a community of worship.

**REL 315. Archeology and the Bible. 3 Hours.**

A field course in archaeological excavation of a site related to the Bible. Students will learn techniques of field excavation, archaeological interpretation, and biblical interpretation by participating in the excavation of a site from the biblical world. Offered Summer only.

**REL 323. Belief Amidst Bombshells: Western Public Religious Thought, 1900-1965. 3 Hours.**

Beginning with the events which preceded the aftermath of the first World War, a study of the key Western theological positions that emerged during the next half-century. Attention is given to different Christian responses to the Nazi regime, particular writers' viewpoints on the relationship between Christianity and culture, theology in the United States, and major shifts in Catholic thinking which helped lead to the Second Vatican Council.

**REL 325. Religion, Literature & the Environment. 3 Hours.**

Covering writers from Henry David Thoreau to Rachel Carson, Wendell Berry to Annie Dillard, students discuss religion and ecology, including ecospirituality, ecotheology, and environmental ethics. Writings from a spectrum of religious views are presented, and recent popular religiously based environmental movements are surveyed.

**REL 328. To Hell with Dante. 3 Hours.**

This course will attempt to provide students with detailed understanding of Dante's Divine Comedy through a careful reading of the poem itself, in connection with the study of works by major literary influences on Dante (such as Virgil and Guido Cavalcanti), of the Florentine political context, and of major developments in Christian history and theology during the 12th and 13th centuries. Special emphasis will be placed on questions raised by Dante's work regarding better and lesser ways to live one's life.

**REL 331. Christian & Islamic Theology in Comparative Perspective. 3 Hours.**

This course will discuss the classical and modern traditions of Christian and Islamic theology in a comparative framework. Using readings in actual source texts, the course will provide an in-depth experience of both Christian and Islamic theological discussions of the nature of God, theological anthropology, human ethics, and definitions of tradition and modernity. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**REL 332. Spirituality & Traditional Chinese Medicine. 3 Hours.**

This course begins with consideration of the religious outlook, spirituality, and metaphysics that serve as the basis of Traditional Chinese Medicine (TCM). It will subsequently cover central practices of TCM, including acupuncture, Tai Chi, and dietary measures and compare TCM with other therapeutic systems, such as biomedicine and ancient Greek medicine. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**REL 333. Gender, Religion, George Eliot. 3 Hours.**

An examination of the work of Mary Anne Evans (George Eliot), including her non-fiction, fiction, and translations (Spinoza, Feuerbach, Strauss). The focus will be on her use and skill in the variety of literature forms and the different ways in which gender and religion are represented.

**REL 340. Religion in the American South. 3 Hours.**

Studies in the role played by the Judaeo-Christian tradition in the formation of American mores, thought, and culture, with due attention to the reciprocal impact of environment on faith.

**REL 351. Political Islam. 3 Hours.**

This course will explore Islamic political movements of the 20th and 21st century, a modern phenomenon broadly defined as "Islamism." This course will discuss the roots of Islamism and political Islam in the early-mid 20th century, and will focus in detail on the political and social ideologies of these movements as they ascended to prominence toward the end of the 20th century. Finally, this course will chart the transformations of political Islamic movements in the 21st century, as they yielded to post-Islamist revivals of Islamic theories of democracy, human rights, and religious nationalism. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**REL 352. Premodern Islam. 3 Hours.**

A discussion of the religious thought and social context of premodern Islamic civilization (ca. 700-1700). Because urban centers were the center of this global culture, it will focus on intellectual and social life in some of the great cities of the premodern Islamic world. Through a close analysis of some key examples of religious thought and social structures in these cities, this course will trace the rise and fall of premodern Islamic civilization, one of the most materially powerful and culturally advanced in all of world history. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 353. Contemporary Islam. 3 Hours.**

This course will explore the experience of contemporary Islam with a special focus on the Islamic world since 1970. It will discuss major political, economic, and cultural shifts that have occurred in Muslim nations since this time and how these contexts have influenced new and current developments in the understanding and practice of Islam across the globe. The course will discuss in detail issues of special concern in the contemporary Muslim community such as gender, fundamentalism, colonialism, and religious reform. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 357. Buddhist Religious Traditions. 3 Hours.**

An examination of the roots of classical Buddhism in India, as well as the various schools of thought and practical traditions that have grown from these roots and spread into other countries. We will also consider more overarching questions related to the field of religious studies in general. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 358. Hindu Religious Traditions. 3 Hours.**

In this course, we will examine the historical context and development of "classical Hinduism." We will focus primarily on Hindu textual traditions, ritual practices, and philosophical queries. Our discussions will also address the meaning of the term "Hinduism" itself; the relatively recent politicization of the term; and the contested nature of Hindu studies in the world today. Successful completion of this course satisfies the Cultures & Peoples requirement for graduation.

**REL 360. A Global Guide to Caring for the Self. 3 Hours.**

Explores religious and secular beliefs and practices of self-care. Includes forms of self-care, specific rituals, analysis of particular problems with the concept of self-care, and identifying self-care aspects of a global cultures and religions.

**REL 361. Fieldwork on Religion. 4 Hours.**

This course has a simple objective: for students to learn how to document religious experience from the ground up. Course participants learn fieldwork techniques - including participant observation, interviews, and ethnographic writing - and put them into practice as they interact with practitioners in Spartanburg religious communities.

**REL 362. Ritualized Space in the Middle East. 3 Hours.**

In this course students will learn about Christianity, Judaism and Islam and their histories from the visual rhetoric of ruins, art objects and architecture in the Middle East and North Africa. Through visual culture this course will trace the history, politics and social transformations and hybridizations of the Abrahamic traditions in the MENA region. Further, students will apply Victor Turner's theory of ritualized space and liminality to the MENA region's sacred spaces. Successful completion of this course satisfies the Cultures & Peoples requirement for graduation.

**REL 363. Islam in the Media. 3 Hours.**

Viewing Islam from the lens of media studies, this course will provide a very brief overview of Islam with the primary focus on analyzing how Islam is portrayed in various forms of media (internet, newspapers, film, novels, television, social media, etc.) in the Muslim world and in the United States. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**REL 365. Religion & Pop Culture. 3 Hours.**

This course examines the relationship between religion and pop culture. Possible course topics include the depiction of religion in popular culture, the use of popular culture in religion; and the religious function of popular culture.

**REL 370. Religious Extremism. 3 Hours.**

A study of religious groups associated with established religious traditions (e.g., Buddhism, Christianity, Islam, etc.) that support and/or commit violent acts in the accomplishment of their theological and social agendas. Particular emphasis will be placed on why these groups understand violence as a religiously acceptable and oftentimes necessary course of action.

**REL 373. Religion & Law. 3 Hours.**

This course explores the ways in which religion and law are understood as concepts. It examines the presuppositions that impact the ways these terms are defined, and the ways in which these definitions get mapped onto institutional contexts. In addition, the course also examines how a particular group's understanding of religion and law, as well as its understanding of the proper interface between the two, plays into its understanding of what the state is (or should be). The course focuses primarily on the interplay among these concepts in the United States, though it also might consider the relationship and tensions between religion and law in other countries.

**Prerequisite:** REL 201 with a minimum grade of D or REL 202 with a minimum grade of D or REL 220 with a minimum grade of D or REL 221 with a minimum grade of D or REL 240 with a minimum grade of D or REL 241 with a minimum grade of D or REL 260 with a minimum grade of D or REL 261 with a minimum grade of D or REL 263 with a minimum grade of D.

**REL 375. Cults, Sects, and New Religious Movements. 3 Hours.**

This course examines the formation, social organizations, and religious identities of new religious movements (popularly called "cults"). Some questions that may be examined include: What causes new religious movements to form? Who joins them? Why do some thrive while others die out? What role do gender differences play in new religious movements? How do new religious movements relate to the more "established" religions (Hinduism, Judaism, Christianity, etc.)?.

**REL 379. American Evangelicalism. 3 Hours.**

This course examines many of the key historical moments and distinguishing features of American Evangelicalism, a movement of conservative Christians from the Fundamentalist, Holiness, Pentecostal, Charismatic, and the Neo-Evangelical traditions.

**REL 380. Special Topics in Religion. 1 to 4 Hours.**

Seminars on selected topics in Religion offered on an occasional basis.

**REL 470. Independent Study. 1 to 3 Hours.**

Extensive investigation of an approved topic culminating in a full-length essay. Credit hours to be determined by the instructor. Normally restricted to students completing the major in Religion.

**REL 474. Theories of Religion. 3 Hours.**

An intensive exploration of critical theories currently employed by scholars in the academic study of religion, based upon readings of the classic works in which those theories have been expounded. Required of majors in the spring of the junior year. At the conclusion of the junior seminar, students will identify the topic for their senior directed study.

**REL 475. Senior Directed Study in Religion. 3 Hours.**

A course of individualized directed study in which the student researches, writes, and presents a paper on a topic of current interest in the academic study of religion. Required of all majors in the fall of the senior year.

**REL 480. Advanced Topics in Religion. 1 to 4 Hours.**

A seminar in which a selected theme or problem is thoroughly studied. Emphasis on bibliography and methodology in research.

**REL 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Sociology (SOC) & Anthropology (ANTH)

The Sociology and Anthropology Department provides space for students to immerse themselves in the study of society and culture. Students in the Sociology and Anthropology Department learn about human thoughts and behaviors through time, from the prehistoric past through the current day. In SOC/ANTH courses, students use social theory and mixed methods to investigate race, ethnicity, gender, class, abilities, history, religion, philosophy, politics, ethics, economies, landscapes, and more. Additionally, students gain experience collecting ethnographic and survey data; working in community engagement projects; and addressing issues related to social justice and biocultural diversity.

### Honors Courses

The Department of Sociology & Anthropology encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

## Chair

Rhiannon A. Leebrick

## Professors

Cynthia T. Fowler  
Alysa M. Handelsman  
Anna E. Harkey  
Dresden N. Lackey

## Requirements for the Major in Sociology & Anthropology

The major in Sociology & Anthropology requires 30 credit hours as outlined below. Students are encouraged to take MATH 140 Introduction to Statistics. Majors typically complete SOC 450 Capstone during the spring of their senior year. *Please note a maximum of two courses taken through a study abroad program may be applied to the major.*

Course	Title	Hours
<b>Core Proficiencies</b>		<b>6</b>
ANTH 101	Introduction to Anthropology	
SOC 101	Introduction to Sociology	
<b>Complex Problems and Critical Thinking</b> <sup>1</sup>		<b>6</b>
Select 6 credit hours from the following:		
ANTH 201	Introduction to Archaeology and Physical Anthropology	
ANTH 205	Anthropology of Childhood	
ANTH 225	Human Ecology	
ANTH 280	Selected Topics in Anthropology	
SOC 202	Environmental Sociology	
SOC 206	Social Movements	
SOC 216	Gender in Society	
SOC 226	Wealth, Power, and Inequality	
SOC 240	Race and Racisms	
SOC 280	Selected Topics in Sociology	
ENVS 313	Sustainable Food Systems	
REL 210	Archeology of Religion	
REL 263	Ethnography of Religion in the Middle East & North Africa	
<b>Methods</b>		<b>6</b>
ANTH 300	Ethnography	
SOC 330	Social Research	
<b>Theory</b>		<b>3</b>
Select 3 credit hours from the following:		
ANTH 305	Building Sustainable Communities through Engagement	
ANTH 310	Ethnographic Film	
ANTH 311	Ecological Anthropology	
ANTH 312	Medical Anthropology	
ANTH 313	Cultures of Southeast Asia and Oceania	
SOC 340	Development of Sociological Thought	
<b>Advanced Proficiencies</b>		<b>6</b>
Select 6 credit hours from the following:		
ANTH 405	Research Seminar - Sustainability, Community & Service Learning	

ANTH 412	Global Health	
ANTH 480	Advanced Topics: Anthropology	
SOC 416	Intersectional Theory	
SOC 446	Globalization and Society	
SOC 480	Advanced Topics in Sociology	
<b>Capstone</b>		<b>3</b>
SOC 450	Capstone	
<b>Total Hours</b>		<b>30</b>

<sup>1</sup> Only one course in the area of Complex Problems and Critical Thinking can be from an area other than Anthropology (ANTH) or Sociology (SOC).

## Requirements for the Minor in Sociology & Anthropology

The minor requires the completion of 15 credit hours as outlined below. Students may take SOC 450 Capstone as one of their Complex Problems and Critical Thinking requirements, if they desire. *Please note a maximum of one course taken through a study abroad program may be applied to the minor.*

Course	Title	Hours
<b>Core Courses</b>		<b>6</b>
ANTH 101	Introduction to Anthropology	
SOC 101	Introduction to Sociology	
<b>Complex Problems, Critical Thinking, Advanced Proficiencies</b> <sup>1</sup>		<b>9</b>
Select 9 credit hours from the following:		
ANTH 200-, 300-, or 400-level		
SOC 200-, 300-, or 400-level		
ENVS 313	Sustainable Food Systems	
REL 210	Archeology of Religion	
REL 263	Ethnography of Religion in the Middle East & North Africa	
<b>Total Hours</b>		<b>15</b>

<sup>1</sup> Only one course in the area of Complex Problems, Critical Thinking, and Advanced Proficiencies can be from an area other than Anthropology (ANTH) or Sociology (SOC).

## Anthropology (ANTH)

### ANTH 101. Introduction to Anthropology. 3 Hours.

A survey of the study of humans through exploring human experiences cross-culturally and through time. Topics include: similarities and differences in people's thoughts, interactions, and communicative practices within more-than-human communities. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ANTH 201. Introduction to Archaeology and Physical Anthropology. 3 Hours.**

The study of humanity from the perspective of two of the four main subfields of anthropology. Archaeology studies humankind through time, since the species' appearance in the evolutionary record until the historical era, and across the wide geographical range of hominins. Physical anthropology studies humankind as evolving from biological organisms in all of our variations stretching from the tropical to the polar regions and from pre-birth to death. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ANTH 205. Anthropology of Childhood. 3 Hours.**

An experiential learning course that will apply general principles of ethnographic fieldwork while studying childhood through an anthropological lens. Topics address the overarching question of how we build sustainable communities, specifically exploring how children conceptualize sustainability and local activism. Students will be placed in a semester-long, child-centered internship which will give them first-hand experience in working with children in the Spartanburg community. In addition to regular course sessions, students will spend three hours each week as part of their internship.

**ANTH 225. Human Ecology. 3 Hours.**

An ecological approach to an examination of the relationships between natural resource bases and the human societies they support. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ANTH 280. Selected Topics in Anthropology. 1 to 4 Hours.**

Introductory-level independent research or exploration in topics not offered in the regular department courses.

**ANTH 300. Ethnography. 3 Hours.**

An introduction to qualitative methods in anthropological research, including case studies, participant observation, and interviews. Students will apply these methods in their own study of a social scene. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** ANTH 201 with a minimum grade of D or ANTH 305 with a minimum grade of D or ANTH 311 with a minimum grade of D or ANTH 312 with a minimum grade of D or ANTH 313 with a minimum grade of D or SOC 101 with a minimum grade of D.

**ANTH 305. Building Sustainable Communities through Engagement. 3 Hours.**

Students are exposed to the realities, challenges, and aspirations of Spartanburg's Northside neighborhood and the multiple ways in which sustainability is conceptualized and practiced in everyday life. The community engagement component of this course requires students to spend additional hours each week learning from and working with the Northside in various capacities. By the end of the semester, students will identify either an internship or a service-learning project based in the Northside that they will develop the following semester.

**ANTH 310. Ethnographic Film. 3 Hours.**

This course in visual anthropology leads the student through a series of case studies about peoples around the world as they represent themselves and as they are represented by others in film and writing. To expand students' social science research skills, this course teaches students how to interpret visual documentations of culture and how to produce films. Students will explore cross-cultural patterns and differences in human societies by viewing films about peoples from Australia, the Canadian Arctic, Papua New Guinea, New Zealand, India, Indonesia, and many other places. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ANTH 311. Ecological Anthropology. 3 Hours.**

Explores the ways people perceive and manage ecosystems using an evolutionary, comparative, and interdisciplinary approach. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ANTH 312. Medical Anthropology. 3 Hours.**

Explores understandings of health, disease, and the body using a comparative biocultural approach to examine medical systems throughout the world. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ANTH 313. Cultures of Southeast Asia and Oceania. 3 Hours.**

Explores the geographical, historical, cultural, religious, and ecological characteristics of the people of this region. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ANTH 314. Prehistory and History of Native American Culture in the Southeast. 3 Hours.**

Explores the prehistoric and historic Native American Cultures of Southeastern North America. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ANTH 405. Research Seminar - Sustainability, Community & Service Learning. 3 Hours.**

A continuation of ANTH 305 where service learning projects will be put into practice. Combining ethnographic research with community engagement students will continue to develop and implement projects collaboratively. These projects are all connected to sustainability and community building between Wofford and the Northside.

**Prerequisite:** ANTH 305 with a minimum grade of D.

**ANTH 412. Global Health. 3 Hours.**

Global Health encourages students to integrate information about local, lived, experiences of health with broader sociopolitical processes. This course uses the methodology of cross-cultural comparison to explore underlying patterns in human health and to study theories that explain health-related phenomena in diverse communities. Students learning will focus on how major transformations in human health articulate with demographic, nutritional, and epidemiological transitions as well as how wellbeing links to immigration, modernization, urbanization, environmental change, and other ongoing global flows.

**ANTH 480. Advanced Topics: Anthropology. 1 to 4 Hours.**

Advanced-level independent research or exploration in topics not offered in the regular department courses.

## Sociology (SOC)

**SOC 101. Introduction to Sociology. 3 Hours.**

Examine introductory concepts, theories, research methods, and subfields of sociology. Topics include: what it means to develop one's sociological imagination and exploring aspects of the social environment that are often ignored, neglected, or take for granted.

**SOC 202. Environmental Sociology. 3 Hours.**

An examination of the following topics: the emergence and history of environmental sociology and the various theoretical perspectives that have shaped this subdiscipline; the complex interactions between social structures, power, and environment; the study of environmental inequality and injustice at various scales in the United States and globally.



**SOC 206. Social Movements. 3 Hours.**

An introduction to the sociological study of social movements. The focus will be on understanding the various theories and concepts sociologists have developed to understand the formation, dynamics, strategies, durability, challenges, and social/cultural significance of social movements by looking at examples in the United States and globally from the past few centuries.

**SOC 216. Gender in Society. 3 Hours.**

A sociological analysis of gender in contemporary American society. Through sociological concepts, theories, and research this course focuses on the social construct of gender and gender-based stratification.

**SOC 226. Wealth, Power, and Inequality. 3 Hours.**

Explore a basic and broad understanding of the sociology of inequality and stratification by examining inequality in the United States as it relates to class, race, gender, nativity, sexual orientation, and health.

**SOC 240. Race and Racisms. 3 Hours.**

An examination of the history, major issues, and sociological dimensions of race and racisms in the United States, which are both fundamental elements of social stratification.

**SOC 280. Selected Topics in Sociology. 1 to 4 Hours.**

Introductory-level independent research or exploration in topics not offered in the regular department courses.

**SOC 330. Social Research. 3 Hours.**

An introduction to the methods and techniques of collecting and analyzing social data.

**SOC 340. Development of Sociological Thought. 3 Hours.**

A review and analysis of the history of social thought leading up to and focusing especially on the development of modern sociology in the 19th and 20th centuries.

**SOC 416. Intersectional Theory. 3 Hours.**

Discover the tenets of the theory of intersectional feminism. Topics such as race, gender, and sexuality will be discussed within a sociological perspective. Additionally, as these aspects do not exist in a vacuum separate from class, nationality, ability, and other identities, students will work to synthesize theory, research, and experiences into an understanding of power, privilege, and oppression in the US and beyond.

**Prerequisite:** SOC 240 with a minimum grade of D.

**SOC 446. Globalization and Society. 3 Hours.**

Explore the various ways in which globalization is conceptualized using a sociological perspective. Topics addressed may include development theories, cultural change, unequal exchange, capital and labor flows, environmental justice, transnational corporations, and sources of resistance and alternative visions.

**SOC 450. Capstone. 3 Hours.**

Designated primarily for seniors completing the major in Sociology and Anthropology to review and integrate what they have learned in their studies in the major and to design and execute a research project on a topic of their choice.

**SOC 480. Advanced Topics in Sociology. 1 to 4 Hours.**

Advanced-level independent research or exploration in topics not offered in the regular department courses.

## Spanish (SPAN)

Spanish is part of the Department of Modern Languages, Literatures, and Cultures. Spanish offers a major which emphasizes not only language

acquisition, but also the cultural aspects of those parts of the world where Spanish is spoken.

## Special Considerations

Students who directly enroll in and complete a 300- level Spanish language course with a grade of 'C' or higher may be awarded credit for the 201 and 202 courses provided they have not previously earned any lower division credit in Spanish.

Students who earned/received credit for a higher level Spanish language course may not take or repeat a course at a lower level and receive credit for that course.

## Coordinator

Britton W. Newman

## Professors

Laura H. Barbas Rhoden  
Camille L. Bethea  
Begoña Caballero-García  
Amanda L. Matousek  
Patricia G. Nuriel

## Requirements for the Major in Spanish

Students majoring in Spanish are required to complete a semester of study abroad in a country where the Spanish language is spoken, taking a majority of courses in Spanish, in a program approved by the Spanish Language Coordinator. In rare instances, exceptions to this policy may be granted, at the discretion of the faculty of the program, through a waiver process administered by the Coordinator of the Spanish program.

Course	Title	Hours
<b>Required Major Courses</b>		<b>16</b>
SPAN 201	Intermediate Active Spanish	
SPAN 202	Intermediate Active Spanish	
SPAN 303	Advanced Spanish with Community-Based Learning <sup>1</sup>	
SPAN 305	Cultures of Latin America	
or SPAN 307	Cultures of Spain	
SPAN 308	Critical Reading & Analysis of Cultural Texts in Spanish	
<b>Literature Requirement</b>		<b>3</b>
Select one course from the following:		
SPAN 411	Writers and Their Worlds	
SPAN 412	Narrative Fiction in Spanish	
SPAN 413	Poetry in Spanish	
SPAN 414	Non-Fiction Texts in Spanish	
SPAN 416	Interdisciplinary Ibero-American Cultural Studies	
SPAN 418	Spanish and Spanish-American Theater	
SPAN 420	Environmental Humanities: Ibero-American World	
SPAN 421	Film Seminar in Spanish	
SPAN 425	US Latinx Literatures and Cultures	
<b>400-Level Elective</b>		<b>3</b>
Select one Spanish (SPAN) course at the 400- level		

<b>Upper-Level Elective</b>	<b>3</b>
Select one Spanish (SPAN) course at the 300- or 400- level	
<b>Semester of Study Abroad</b>	
<b>Total Hours</b>	<b>25</b>

<sup>1</sup> *Students must earn a grade of 'C' or higher in order to continue in the major.*

**SPAN 101. Beginning Active Spanish. 3 Hours.**

A comprehensive introduction to the four skills of the language: speaking, aural comprehension, reading, writing. Structure and communication skills are emphasized through extensive use of Spanish in the classroom.

**SPAN 102. Beginning Active Spanish. 3 Hours.**

A comprehensive introduction to the four skills of the language: speaking, aural comprehension, reading, writing. Structure and communication skills are emphasized through extensive use of Spanish in the classroom.

**Prerequisite:** SPAN 101 with a minimum grade of D.

**SPAN 200. Communication & Culture. 3 Hours.**

A comprehensive intermediate beginner course for developing the four skills, with an emphasis on learning control of language for basic communication, and for establishing foundations for intercultural competence. Communication skills are emphasized through extensive use of Spanish in the classroom and the exploration of expressions of culture via the study of authentic materials.

**SPAN 201. Intermediate Active Spanish. 3 Hours.**

First intensive intermediate course in the language. Emphasizes development of the four skills with ongoing refinement of control of the language, vocabulary building, and the building of foundations for intercultural competence.

**Prerequisite:** SPAN 102 with a minimum grade of C-.

**SPAN 202. Intermediate Active Spanish. 3 Hours.**

Second intensive intermediate course in the language. Emphasizes development of the four skills, with ongoing refinement of control of the language, vocabulary building, and the building of foundations for intercultural competence.

**Prerequisite:** SPAN 200 with a minimum grade of C- or SPAN 201 with a minimum grade of C-.

**SPAN 280. Selected Topics in Spanish. 1 to 4 Hours.**

The study of selected topics at the introductory or intermediate level in Spanish.

**SPAN 303. Advanced Spanish with Community-Based Learning. 3 Hours.**

An advanced course for the development of the four skills across a range of advanced level tasks, and for growth in intercultural competence through community-engaged learning and critical reflection. Conducted in Spanish.

**Prerequisite:** SPAN 202 with a minimum grade of C-.

**SPAN 305. Cultures of Latin America. 4 Hours.**

An introduction to the cultures of Latin America, with a focus on historical dynamics in the context of social and cultural diversity. Fosters continued development of four skills, with increased control of language across a range of advanced level tasks, as well as intercultural competence. Conducted in Spanish. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 307. Cultures of Spain. 4 Hours.**

An introduction to the diverse cultures of Spain, with emphasis on physical and human geography, historical development, and contemporary Spanish society. Fosters continued development of four skills, with increased control of language across a range of advanced level tasks, as well as intercultural competence. Conducted in Spanish.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 308. Critical Reading & Analysis of Cultural Texts in Spanish. 3 Hours.**

An introductory literary and cultural studies course that emphasizes critical reading and analysis of literary and cultural texts, as well as continued development of the four skills at the advanced level. Students are introduced to theories and methods for reading cultural texts in various genres (poetry, novellas, short stories, film) and to the fundamentals of academic writing. Conducted in Spanish.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 309. Building Linguistic and Cultural Competence Through Oral Texts. 3 Hours.**

This course is designed to build speaking and oral comprehension skills using oral texts from a variety of diverse cultural regions in which Spanish is spoken. Conducted in Spanish. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 310. Interactive Spanish Grammar. 3 Hours.**

Improving grammatical accuracy with the problematic points of Spanish grammar is the focus of this course, which aims to move students towards advanced proficiency in their oral and written production of the language. Attention will be given to syntactic patterns, morphological rules, lexical accuracy, stylistic features of the language, and vocabulary acquisition. Conducted in Spanish.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 311. Social Change in Latin America & Latinx World. 3 Hours.**

This course focuses on the sociocultural dimensions of change efforts in Latin American and/or Latinx contexts; analyzes examples of efforts for social change; and emphasizes the development of intercultural competence in applied settings. The course involves a significant project-based component. Conducted in Spanish. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 411. Writers and Their Worlds. 3 Hours.**

Focusing on the work of one significant author from Spain or Latin America, this course explores the literary production of that writer in the context of the social, political, cultural, and literary worlds out of which the work was produced. Writers studied vary from year to year. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 412. Narrative Fiction in Spanish. 3 Hours.**

A careful reading of narrative fiction by authors writing in Spanish. The course also focuses on the fundamental elements and techniques of narrative fiction and critical reading strategies. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 413. Poetry in Spanish. 3 Hours.**

A careful study of poetry by authors writing in Spanish. The course also focuses on the fundamental genres, forms, elements, and techniques of poetry in Spanish and critical reading strategies. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 414. Non-Fiction Texts in Spanish. 3 Hours.**

A critical reading of non-fiction print, digital and multimedia genres in texts by Spanish and Spanish-American writers. The course focuses on important themes and perspectives of Spanish language texts from Spain and/or the Americas, as well as the rhetorical elements and communication strategies of those texts. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 416. Interdisciplinary Ibero-American Cultural Studies. 3 Hours.**

This course applies an interdisciplinary framework to a topic of cultural significance in the Hispanic world. The course focuses on the fundamental theoretical and methodological tools needed to analyze cultural texts in which specific issues in Ibero-American culture are expressed. Topics studied vary from year to year. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 418. Spanish and Spanish-American Theater. 3 Hours.**

This course is designed to build linguistic, cultural and historical understanding of the theater of Spain and/or Latin America through the study of major plays. The course focuses on the fundamental theoretical and methodological tools needed to analyze theater as both written discourse and performance art. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 420. Environmental Humanities: Ibero-American World. 3 Hours.**

This transdisciplinary environmental humanities course considers imaginations of the world by diverse communities and creators from Latin America and the Iberian peninsula; key theoretical approaches and concepts for the study of these imaginaries; and texts from diverse cultures in the Ibero-American world. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**SPAN 421. Film Seminar in Spanish. 0 to 4 Hours.**

A study of film as an art form. The course considers narrative processes, representational modalities, and the language of film (cinematographic techniques and devices). Other topics of consideration may include the cinematic depiction of social and cultural realities; the historical development of a national film industry; and the director as auteur. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 425. US Latinx Literatures and Cultures. 3 Hours.**

A critical study of the literature and cultural expression of Latinx communities within the United States. This course analyzes representative texts and multimedia by Mexican-American, Puerto Rican, and other Latinx-American identified groups. Students will explore the rich diversity of these identities and discuss the challenges these communities confronted historically, as well as those they continue to face. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 440. The Craft of Translation. 3 Hours.**

A practical approach to the problems and techniques of Spanish/English and English/ Spanish translation. A variety of texts in both languages are used as an introduction to the translator's art and craft. These texts are chosen specifically to emphasize important issues of advanced Spanish grammar and stylistics as well as points of contrast between the two languages which must be mastered by the accomplished translator. Such diverse problems as proverbs, jokes, and the idiosyncratic jargons of business, journalism, law, and politics are sampled. Conducted in Spanish and English.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 441. Creative and Practical Writing in Spanish. 3 Hours.**

Selections from a wide variety of writing projects, concentrating on the development of critical reflection and creative expression, while honing clarity of communication, lexical precision, structural accuracy, and graceful, persuasive, and appropriate styles. Conducted in Spanish.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 442. Oral Proficiency. 3 Hours.**

A practical approach to speaking Spanish. Using a wide variety of spoken samples for listening practice and role-play tasks for speaking practice, the course examines the functions and contexts of oral proficiency levels from intermediate to superior abilities. The course also considers techniques of oral assessment and the nature of professional interpreting as a career. Conducted in Spanish.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 445. Advanced Spanish Structures: Syntax, Morphology and Lexicon. 3 Hours.**

A linguistic analysis of the more problematic points of Spanish grammar (morphology and syntax) and usage (lexical refinement). The course concentrates on details of Spanish usage and stresses accuracy in the application of grammatical principles, lexical variations, and stylistic concerns. Intensive practice in speaking and writing helps students to develop an advanced level of productive control. Conducted in Spanish.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 480. Advanced Topics in Spanish. 1 to 4 Hours.**

The study of selected topics at the advanced level in Spanish.

**SPAN 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Theatre (THEA)

The Bachelor of Arts in Theatre is an academic and practical program that prepares graduates to be well-rounded theatre artists in a liberal arts context. The major is based on a thorough grounding in four fundamental areas of theatre, after which students may tailor the program to suit their needs and interests: acting, directing, design, play-writing, or production management. Theatre is necessarily a collaborative and inter-disciplinary endeavor. Wofford Theatre is both a producing organization and a degree-granting program.

Students pursuing the major or minor in Theatre must take and pass an appropriate introductory-level course in Music or Art to fulfill the General Education requirement in Fine Arts.

## Honors Courses

The Department of Theatre encourages its students to undertake honors work. For further information, students should review the section on Honors Courses (p. 34) in this *Catalog*.

## Chair

Colleen M. Ballance

## Professors

Daniel J. Day  
Maya M. Fein  
Mark A. Ferguson

## Requirements for the Major in Theatre

Course	Title	Hours
<b>Required Major Courses</b>		<b>15</b>
THEA 202	Basic Elements of Production	
THEA 301	Acting I	
THEA 320	Dramatic Theory	
THEA 300	Ensemble	
THEA 350	Stage Management Practicum	
<b>Design/Technical Theater</b>		<b>6</b>
Select two courses from the following:		
THEA 375	Scene Painting	
THEA 380	Set Design	
THEA 385	Period Styles	
THEA 390	Costume Design	
THEA 395	Lighting Design	
THEA 396	Digital Applications for Theatre	
THEA 471	Independent Study - Design/Technical	
<b>Dramatic Literature</b>		<b>6</b>
Select two courses from the following:		
ENGL 303	English Renaissance Drama	
ENGL 305	Shakespeare's Comedies and Histories	
ENGL 306	Shakespeare's Tragedies and Romances	
FREN 415	French Theater	
THEA 321	Dramaturgy	
THEA 328	Contemporary Drama	
THEA 424	African American Drama	
THEA 425	19th Century American Drama	
THEA 433	Modern Drama	
THEA 438	Greek & Roman Drama	
<b>Performing &amp; Directing</b>		<b>6</b>
Select two courses from the following:		
THEA 303	Directing	
THEA 304	Movement	
THEA 310	Improvisation for the Actor	
THEA 376	Playwriting Workshop	
THEA 401	Acting II	
THEA 404	Advanced Movement	
THEA 410	Theatre for Youth	
THEA 413	Devised Theatre	

THEA 476	Advanced Playwriting	
<b>Upper-Level Electives</b>		<b>6</b>
Select two courses from the following:		
ENGL 303	English Renaissance Drama	
ENGL 305	Shakespeare's Comedies and Histories	
ENGL 306	Shakespeare's Tragedies and Romances	
FREN 415	French Theater	
Any Theatre (THEA) course at the 300 or 400-level (except THEA 300)		
<b>Total Hours</b>		<b>39</b>

## Requirements for the Minor in Theatre

Courses taken to fulfill requirements of the Theatre minor may not be used to fulfill the Fine Arts General Education requirements.

Course	Title	Hours
<b>Required Minor Courses</b>		<b>6</b>
THEA 202	Basic Elements of Production	
THEA 300	Ensemble	
<b>Design/Technical Theater</b>		<b>3</b>
Select one course from the following:		
THEA 375	Scene Painting	
THEA 380	Set Design	
THEA 385	Period Styles	
THEA 390	Costume Design	
THEA 395	Lighting Design	
THEA 396	Digital Applications for Theatre	
THEA 471	Independent Study - Design/Technical	
<b>Dramatic Literature</b>		<b>3</b>
Select one course from the following:		
ENGL 303	English Renaissance Drama	
ENGL 305	Shakespeare's Comedies and Histories	
ENGL 306	Shakespeare's Tragedies and Romances	
FREN 415	French Theater	
THEA 320	Dramatic Theory	
THEA 321	Dramaturgy	
THEA 328	Contemporary Drama	
THEA 424	African American Drama	
THEA 425	19th Century American Drama	
THEA 433	Modern Drama	
THEA 438	Greek & Roman Drama	
<b>Performance &amp; Directing</b>		<b>3</b>
Select one course from the following:		
THEA 301	Acting I	
THEA 303	Directing	
THEA 304	Movement	
THEA 310	Improvisation for the Actor	
THEA 376	Playwriting Workshop	
THEA 401	Acting II	
THEA 404	Advanced Movement	
THEA 410	Theatre for Youth	
THEA 413	Devised Theatre	
THEA 476	Advanced Playwriting	

**Upper-Level Electives** 6

Select two courses from the following:

ENGL 303	English Renaissance Drama
ENGL 305	Shakespeare's Comedies and Histories
ENGL 306	Shakespeare's Tragedies and Romances
FREN 415	French Theater
Any Theatre (THEA) course at the 300- or 400-level (except THEA 300 and 350)	

**Total Hours** 21

**THEA 201. Introduction to the Theatre. 3 Hours.**

This class covers script analysis, dramatic structure, production styles, and an introductory over-view of acting, directing, design, and the technical elements of production. Crew hours on the current departmental production may be required.

**THEA 202. Basic Elements of Production. 3 Hours.**

This course covers the basics for set, lighting, and costume design for the stage. Learn drafting, some drawing, rendering and model making skills, design processes, and some backstage technologies.

**THEA 210. Stagecraft. 2 Hours.**

An introduction to the technical aspects of live theatre and the creative problem solving skills necessary to successfully make the leap from page to stage. Students will be exposed to and gain practical experience in a variety of areas, including: set construction, lighting operations, sound systems, scenic painting, and stage management.

**THEA 212. The Art of Acting. 3 Hours.**

This class will introduce students to the basics of acting for the stage. Over the course of the semester, students will learn and participate in practical and challenging acting games and physical exercise, be exposed to the basics of character analysis, learn to think, move, and speak like an actor, and perform in a variety of solo and group projects including monologues and scene-work.

**THEA 280. Selected Topics in Theatre. 1 to 4 Hours.**

Selected topics in theatre at the introductory or intermediate level.

**THEA 300. Ensemble. 1 to 4 Hours.**

This course offers students credit hours for performing on stage in a Wofford theatre production. Attendance at all rehearsals, performances, and strike required. A maximum of 24 credit hours may be earned in THEA 300.

**THEA 301. Acting I. 3 Hours.**

This course is a continuation and extension of THEA 212, consisting of the further development of the basics of acting technique. Areas of focus will include training concepts such as ease, honesty, ensemble acting, sense memory, concentration, listening, imagination, risk-taking, and the actor's exploration and use of the social world. All students will participate actively in laboratory productions.

**Prerequisite:** THEA 212 with a minimum grade of D.

**THEA 303. Directing. 4 Hours.**

Students will develop a fundamental knowledge and skills base about the field of directing for the stage. This will include extensive creative projects; presentations on past and present stage directors; script analysis from a director's perspective; enhancing communication, audition and rehearsal skills; the development of a critical eye for directorial choices; and the performance of two scenes that the student will direct for public performance.

**THEA 304. Movement. 3 Hours.**

This class will investigate major influences in physical theatre, provide a practical study of the principles of movement for the stage with an emphasis on physical neutrality, and will begin exploration of various physical actor training methods.

**THEA 310. Improvisation for the Actor. 3 Hours.**

An introduction to one the fundamental tools of the actor's art, this course will offer students a rigorous exploration of the principles, skills, and applications of theatrical improvisation. Although "improv" is often identified in popular culture as a comedic, competition-based form of entertainment, the primary focus in this class will be on Stanislavsky-based improvisation, which emphasizes character, relationships, and collaboration. Improvisation work in this context stresses risk-taking, physical and emotional awareness, observation, intuition, imagination, and spontaneity.

**THEA 320. Dramatic Theory. 3 Hours.**

This course is an introduction to the analysis of dramatic literature and the history of dramatic theory and criticism.

**THEA 321. Dramaturgy. 3 Hours.**

An introduction to the theory and practice of dramatic composition and the representation of the main elements of drama on the stage. Examine the role of the literary advisor/editor in modern theatrical practice and explore dramatic structure as a means of achieving successful storytelling onstage. Analyze the dramatic structures of plays that span multiple eras and cultures, connect external research to production work, create dramaturgical packets for conceptual productions, and regularly share the results of research and creative work. .

**Prerequisite:** Any 200-level ENGL course with a D or better.

**THEA 328. Contemporary Drama. 3 Hours.**

A study of major contemporary drama (1970 to present). Authors considered include Foreman, Churchill, Rabe, Kushner, Zimmerman and others. Also listed as English 328.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**THEA 350. Stage Management Practicum. 3 Hours.**

Students serving as stage managers for departmental productions will schedule and run auditions, rehearsals, and shows under the supervision of the director. The stage manager is the point person for all communication regarding the production including the design/technical aspects and acting/directing. This course fulfills the stage management requirement for the theatre major. Instructor permission required.

**THEA 375. Scene Painting. 3 Hours.**

Students will learn scenic painting for the stage. Students will learn techniques and materials typically employed for large theatrical sets. Students will complete several painting projects while continuing to develop their own aesthetic sensibilities and creative talents. Instructor Permission required.

**THEA 376. Playwriting Workshop. 3 Hours.**

A course in creative writing focusing on plays. Cross-listed with ENG 376.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**THEA 380. Set Design. 3 Hours.**

Working from the page to the stage, students will learn to design scenery based on script analysis, creative visualization, and directorial problem solving. This class also teaches practical skills in drafting, research, and model making. Success in this class may lead to design opportunities for departmental productions.

**Prerequisite:** THEA 202 with a minimum grade of D.

**THEA 385. Period Styles. 3 Hours.**

Based on Sir Kenneth Clark's timeless classic, *Civilisation*, art, architecture, music, furniture, fashion, literature, and political and social history from Ancient Greece to the early 20th century are explored to inform theatrical productions. Students will learn from slides, lectures and movie clips of the vast imagery available to theatre artists. Research and design projects are required. Instructor permission required.

**THEA 390. Costume Design. 3 Hours.**

Creativity is emphasized in this project-oriented course. The students will learn the complete process for designing theatrical costumes, hair and makeup. This course covers costume history, design, rendering and artistic conceptualization. Success in this class may lead to design opportunities for our departmental productions. Instructor permission required.

**THEA 395. Lighting Design. 3 Hours.**

Introduction to resources, equipment, and processes of theatrical lighting design. The primary focus is the formulation of conceptual lighting design ideas based on source analysis such as artwork, music, and scripts. Additionally, students will explore the different means of communication through research, sketching, drafting, and implementation of their designs using lighting equipment.

**THEA 396. Digital Applications for Theatre. 3 Hours.**

Utilize the basics of Vectorworks, Photoshop, and Wix as they apply in professional theatre. Create digital projects that include computer drafting, photo editing, stage renderings, personal resume, and a website containing an online portfolio.

**Prerequisite:** THEA 202 with a minimum grade of D.

**THEA 400. Theatre Practicum. 1 Hour.**

A special course of individual study and instruction wherein an advanced student of theatre may pursue a special interest such as set design, lighting, theatrical management, acting, or playwriting, under the direction of the instructor. Active participation in laboratory and major productions required. A maximum of 6 semester hours may be earned in Theatre 400.

**THEA 401. Acting II. 3 Hours.**

Continuation and extension of THEA 301, Acting I, with particular emphasis on character development. Through intensive scene work and special projects in characterization studies, we will expand the actor's emotional, intellectual, physical, and vocal expressiveness.

**Prerequisite:** THEA 301 with a minimum grade of D.

**THEA 404. Advanced Movement. 3 Hours.**

This course will provide an in-depth study of physical actor training for the stage. Through the creation of original theatre pieces, monologues, and scene work, the student will implement techniques learned in daily physical training.

**THEA 410. Theatre for Youth. 3 Hours.**

This course will contextualize Theatre for Youth through the study of the history and significance of this type of performance and then will use in-class exercises to create a strong ensemble of actors who will then collaborate on the creation, rehearsal, and performance of an original children's theatre script.

**THEA 413. Devised Theatre. 3 Hours.**

Working collaboratively, the class will choose and explore a topic/theme of particular interest to students on this campus and then plan, develop, rehearse, and perform a non-traditional theatrical production based on this theme.

**THEA 424. African American Drama. 3 Hours.**

This class deals with the creation of African American identity on the American stage from the early 19th century through the present. Readings are from the works of Baraka, Kennedy, Wilson, Parks, Hughes, and many others. Students will engage with issues of race, literature, performance, and authorship in class discussion, written work and oral presentations. Cross-listed with English 424.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**THEA 425. 19th Century American Drama. 3 Hours.**

From James Nelson Barker's *The Indian Princess* (1808), to George Aiken's stage adaptation of *Uncle Tom's Cabin*, one of the most popular works of its period in both America and Europe, the close reading of nineteenth century American drama opens a fascinating window onto the creation of American identity. This class will address ideas and issues of nationhood, the frontier, gender, race and race relations, and popular and high culture. Cross-listed with English 425.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**THEA 433. Modern Drama. 3 Hours.**

A course of study which focuses on the work of late 19th to mid 20th century European and American dramatists. Authors include Ibsen, Chekhov, Strindberg, Pirandello, Brecht, Beckett, O'Neill, Miller and Williams. Cross-list with English 433.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**THEA 438. Greek & Roman Drama. 3 Hours.**

Selected Greek and Roman comedies and tragedies will be read in translation. The course will concentrate on the thematic, philosophical, and religious aspects of ancient drama. Cross-listed with English 438.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**THEA 470. Independent Study. 1 to 4 Hours.**

A student initiated project, approved and supervised by a faculty member, integrating learning in the major.

**THEA 471. Independent Study - Design/Technical. 0 to 3 Hours.**

A student initiated project, approved and supervised by a faculty member focused on set design and/or aspects of technical theatre.

**THEA 472. Independent Study - Dramatic Literature. 0 to 3 Hours.**

A student initiate project, approved and supervised by a faculty member, integrating the study dramatic literature with theatre production.

**THEA 473. Independent Study - Performance. 0 to 3 Hours.**

A course in which the student pursues independently, under the guidance of a member of the department, a specific topic of interest.

**THEA 476. Advanced Playwriting. 3 Hours.**

In this workshop, students will write at least two ten-minute plays and one full-length two-act play, in addition to developing their craft through writing projects and exercises. We also will read and discuss plays by such playwrights as Edward Albee, Tennessee Williams, and Eugene Ionesco. Actors will read each participant's work at a special presentation at the end of the semester. Class is conducted in a workshop format, and participants and the instructor will read, discuss, and analyze script pages in class.

**Prerequisite:** THEA 376 with a minimum grade of D.

**THEA 480. Advanced Topics in Theatre. 1 to 4 Hours.**

A seminar for advanced students. Subject matter varies from year to year. Instructor permission required.

**THEA 490. Advanced Studies in Film. 3 Hours.**

A topics course involving close study of specific directors, genres, or national cinemas. Topics will change from semester to semester. Screenings of feature films may be held outside of class. Students may take Theatre 490 for credit only once. Instructor permission required.

# A-Z Courses

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## Accounting (ACCT)

### ACCT 211. Accounting Principles. 3 Hours.

Introduction to the basic concepts and methodology of financial accounting, with emphasis on the analysis and recording of business data, and the preparation and use of corporate financial statements. Students majoring or minoring in Accounting or Finance must earn a grade of C or better. Offered every semester.

### ACCT 220. Excel Spreadsheets & Modeling. 1 Hour.

This course introduces Microsoft Excel as a vital tool for handling accounting and finance functions. Students will learn to produce effective analytical tools that take advantage of conditional formatting, advanced formulas and macros, and charts and graphs. Students will also learn to model scenarios and manage data effectively. This course is for users with limited or intermediate background in Excel. This course does not fulfill any major or minor requirement. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of D.

### ACCT 280. Selected Topics in Accounting. 1 to 4 Hours.

Selected topics in Accounting at the introductory or intermediate level. Offered on an occasional basis.

### ACCT 341. Cost Accounting I. 3 Hours.

Introduction to cost accounting, with emphasis on management use of accounting data for planning, budgeting, and decision making. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of D.

### ACCT 345. Accounting Information Systems. 3 Hours.

A study of the information systems which assist an organization in meeting its objectives efficiently and effectively. The course includes an overview of the purpose, design, and use of specific systems. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of C.

### ACCT 351. Intermediate Accounting I. 3 Hours.

In-depth study of financial accounting theory and practice primarily related to assets. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of C.

### ACCT 352. Intermediate Accounting II. 3 Hours.

In-depth study of financial accounting theory and practice primarily related to liabilities and stockholders' equity. Offered every semester.

**Prerequisite:** ACCT 351 with a minimum grade of C and FIN 321 with a minimum grade of C.

### ACCT 411. Advanced Accounting. 3 Hours.

Study of accounting entities such as multi-national enterprises, partnerships, not-for-profit and governmental organizations, and consolidated corporations. Offered fall semester.

**Prerequisite:** ACCT 351 with a minimum grade of C.

### ACCT 412. Auditing. 3 Hours.

Theory of auditing, using generally accepted auditing standards. Additional emphasis on practical applications of auditing techniques. Offered every semester.

**Prerequisite:** ACCT 351 with a minimum grade of C.

### ACCT 413. Auditing II. 3 Hours.

A continued study of the theory of auditing with an emphasis on the current auditing environment; the critical role that ethics, professional judgement, and knowledge of the client's internal controls, business, and industry play in an effective audit; and the procedures and tools available to the auditor to perform an effective audit. Offered spring semester.

**Prerequisite:** ACCT 412 with a minimum grade of C.

### ACCT 425. Income Tax Concepts & Decision Making. 3 Hours.

Theory and practice of federal income taxation of individuals and businesses, with an emphasis on decision making. Offered each semester.

**Prerequisite:** ACCT 211 with a minimum grade of C.

### ACCT 426. Tax Concepts II. 3 Hours.

In-depth study of federal taxation as it relates to corporations, estates, partnerships, and trusts. Offered spring semester.

**Prerequisite:** ACCT 425 with a minimum grade of C.

### ACCT 441. Cost Accounting II. 3 Hours.

A continued study of current cost accounting issues. Topics include manufacturing costs, cost accounting trends, and analysis and interpretation of managerial accounting data. Offered every semester.

**Prerequisite:** ACCT 341 with a minimum grade of C.

### ACCT 445. Financial Statement Analysis. 3 Hours.

This course helps students understand financial statements from management, shareholder, and creditor perspectives. Students will learn how financial statements are organized, are used by managers to improve company performance, and are used by investors in valuing companies and in evaluating potential investments. Cross-listed with FIN 445. Offered every semester.

**Prerequisite:** FIN 321 with a minimum grade of C.

### ACCT 453. Income Tax Assistance. 1 Hour.

The Volunteer Income Tax Assistance (VITA) Program is conducted in partnership with the Internal Revenue Service and the United Way of the Piedmont. After passing a series of exams administered by the IRS, certified volunteers offer free tax help to low- to moderate income individuals who are unable to prepare their own tax returns. Students will develop academic and social skills through valuable hands-on experience, and improve the economic status of VITA clients from within the Spartanburg community. Permission of instructor required. Offered spring semester.

**Prerequisite:** ACCT 425 with a minimum grade of D.

### ACCT 470. Independent Study in Accounting. 1 to 3 Hours.

Independent study of selected topics in accounting at an advanced level. Specific topics vary from semester to semester.

### ACCT 480. Advanced Topics in Accounting. 1 to 4 Hours.

Topics and credit may vary from year to year. Permission of instructor required. Offered on occasional basis.



## African/African American Studies (AAAS)

### AAAS 448. Capstone Project: African/African American Studies. 3 Hours.

Designed by the student, the Capstone Project combines an understanding of African/African American theory with interdisciplinary study in two disciplines of the student's choice. Often the project will take the form of a traditional research paper (20-30 pages), but works of fiction or drama, field studies, multi-media presentations, or other formats are acceptable, subject to the coordinators' approval. Projects other than research papers must be accompanied by a bibliography of sources and a 5-10 page statement explaining goals, results, and research methods. Students will defend their final project before a committee of three faculty members, consisting normally of two teaching courses in the African/African American Studies program and one outside reader; these defenses will be open to the Wofford community. Permission of the coordinator is required.

## Anthropology (ANTH)

### ANTH 101. Introduction to Anthropology. 3 Hours.

A survey of the study of humans through exploring human experiences cross-culturally and through time. Topics include: similarities and differences in people's thoughts, interactions, and communicative practices within more-than-human communities. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

### ANTH 201. Introduction to Archaeology and Physical Anthropology. 3 Hours.

The study of humanity from the perspective of two of the four main subfields of anthropology. Archaeology studies humankind through time, since the species' appearance in the evolutionary record until the historical era, and across the wide geographical range of hominins. Physical anthropology studies humankind as evolving from biological organisms in all of our variations stretching from the tropical to the polar regions and from pre-birth to death. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

### ANTH 205. Anthropology of Childhood. 3 Hours.

An experiential learning course that will apply general principles of ethnographic fieldwork while studying childhood through an anthropological lens. Topics address the overarching question of how we build sustainable communities, specifically exploring how children conceptualize sustainability and local activism. Students will be placed in a semester-long, child-centered internship which will give them first-hand experience in working with children in the Spartanburg community. In addition to regular course sessions, students will spend three hours each week as part of their internship.

### ANTH 225. Human Ecology. 3 Hours.

An ecological approach to an examination of the relationships between natural resource bases and the human societies they support. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

### ANTH 280. Selected Topics in Anthropology. 1 to 4 Hours.

Introductory-level independent research or exploration in topics not offered in the regular department courses.

### ANTH 300. Ethnography. 3 Hours.

An introduction to qualitative methods in anthropological research, including case studies, participant observation, and interviews. Students will apply these methods in their own study of a social scene. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** ANTH 201 with a minimum grade of D or ANTH 305 with a minimum grade of D or ANTH 311 with a minimum grade of D or ANTH 312 with a minimum grade of D or ANTH 313 with a minimum grade of D or SOC 101 with a minimum grade of D.

### ANTH 305. Building Sustainable Communities through Engagement. 3 Hours.

Students are exposed to the realities, challenges, and aspirations of Spartanburg's Northside neighborhood and the multiple ways in which sustainability is conceptualized and practiced in everyday life. The community engagement component of this course requires students to spend additional hours each week learning from and working with the Northside in various capacities. By the end of the semester, students will identify either an internship or a service-learning project based in the Northside that they will develop the following semester.

### ANTH 310. Ethnographic Film. 3 Hours.

This course in visual anthropology leads the student through a series of case studies about peoples around the world as they represent themselves and as they are represented by others in film and writing. To expand students' social science research skills, this course teaches students how to interpret visual documentations of culture and how to produce films. Students will explore cross-cultural patterns and differences in human societies by viewing films about peoples from Australia, the Canadian Arctic, Papua New Guinea, New Zealand, India, Indonesia, and many other places. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

### ANTH 311. Ecological Anthropology. 3 Hours.

Explores the ways people perceive and manage ecosystems using an evolutionary, comparative, and interdisciplinary approach. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

### ANTH 312. Medical Anthropology. 3 Hours.

Explores understandings of health, disease, and the body using a comparative biocultural approach to examine medical systems throughout the world. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

### ANTH 313. Cultures of Southeast Asia and Oceania. 3 Hours.

Explores the geographical, historical, cultural, religious, and ecological characteristics of the people of this region. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

### ANTH 314. Prehistory and History of Native American Culture in the Southeast. 3 Hours.

Explores the prehistoric and historic Native American Cultures of Southeastern North America. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

### ANTH 405. Research Seminar - Sustainability, Community & Service Learning. 3 Hours.

A continuation of ANTH 305 where service learning projects will be put into practice. Combining ethnographic research with community engagement students will continue to develop and implement projects collaboratively. These projects are all connected to sustainability and community building between Wofford and the Northside.

**Prerequisite:** ANTH 305 with a minimum grade of D.

**ANTH 412. Global Health. 3 Hours.**

Global Health encourages students to integrate information about local, lived, experiences of health with broader sociopolitical processes. This course uses the methodology of cross-cultural comparison to explore underlying patterns in human health and to study theories that explain health-related phenomena in diverse communities. Students learning will focus on how major transformations in human health articulate with demographic, nutritional, and epidemiological transitions as well as how wellbeing links to immigration, modernization, urbanization, environmental change, and other ongoing global flows.

**ANTH 480. Advanced Topics: Anthropology. 1 to 4 Hours.**

Advanced-level independent research or exploration in topics not offered in the regular department courses.

## Arabic (ARBC)

**ARBC 101. Beginning Active Arabic. 4 Hours.**

This course will introduce the basic skills needed to master reading, writing, listening, and speaking Modern Standard Arabic (also known as formal Arabic, or al-fusha, the spoken lingua franca of the Arab world and the language of written Arabic documents such as religious texts, published material such as books, newspapers and magazines; and media sources and broadcasts), as well as the Shami dialect of Arabic, spoken in Lebanon, Syria, Jordan, and Palestine. This course will provide the necessary foundation for future development in Arabic proficiency, as well as provide students with the necessary tools and proficiencies to begin to speak, read, write, and listen to Arabic both inside and outside of the classroom.

**ARBC 102. Beginning Active Arabic. 4 Hours.**

This course will introduce the basic skills needed to master reading, writing, listening, and speaking Modern Standard Arabic (the spoken lingua franca of the Arab world and the language of written Arabic documents, media and broadcasts), as well as the Shami dialect of Arabic, spoken in Lebanon, Syria, Jordan, and Palestine. This course will provide the necessary foundation for future development in Arabic proficiency, as well as provide students with the necessary tools and proficiencies to begin to speak, read, write, and listen to Arabic both inside and outside of the classroom.

**Prerequisite:** ARBC 101 with a minimum grade of D.

**ARBC 201. Intermediate Active Arabic. 4 Hours.**

Students will build upon their reading, writing, listening, and speaking skills of Modern Standard Arabic, as well as the Shami and Masri dialects of Arabic, this course will provide the necessary foundation for the independent study of Arabic literature, study abroad in a foreign country, as well as provide students with the ability to speak, read, write, and listen to Arabic in an environment outside of the classroom. Selected topics at the intermediate level about the diverse cultures within the Arabic speaking world, such as different traditions, food, and calligraphy will be integrated into the course. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**Prerequisite:** ARBC 102 with a minimum grade of C-.

**ARBC 202. Intermediate Active Arabic. 4 Hours.**

Building upon student reading, writing, listening, and speaking skills of Modern Standard Arabic, as well as the Shami and Masri dialects of Arabic, this course will provide the necessary foundation for the independent study of Arabic literature, study abroad in a foreign country, as well as provide students with the ability to speak, read, write, and listen to Arabic in an environment outside of the classroom. Selected topics at the intermediate level about the diverse cultures within the Arabic speaking world, such as different traditions, food, and calligraphy will be integrated into the course. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**Prerequisite:** ARBC 201 with a minimum grade of C-.

**ARBC 280. Selected Topics in Arabic. 1 to 4 Hours.**

The study of selected topics, at the introductory or intermediate level, in Arabic.

**ARBC 301. Advanced Arabic. 3 Hours.**

Through frequent communicative activities, this course continues to encourage students to read, write, listen, and speak in Modern Standard Arabic, as well as the Shami and Masri dialects of Arabic. The instruction will be done completely using the target language. Writing activities will be conducted independently and collectively. Selected topics at the advanced level about the diverse cultures within the Arabic speaking world, such as different religious practices, music, and the role of public spaces will be integrated into the course. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**Prerequisite:** ARBC 202 with a minimum grade of C-.

**ARBC 302. Advanced Arabic. 3 Hours.**

Through frequent communicative activities, this course continues to encourage students to read, write, listen, and speak in Modern Standard Arabic, as well as the Shami and Masri dialects of Arabic. The instruction will be done completely using the target language. Writing activities will be conducted independently and collectively. Selected topics at the advanced level about the diverse cultures within the Arabic speaking world, such as different religious practices, music, and the role of public spaces will be integrated into the course. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**Prerequisite:** ARBC 301 with a minimum grade of C.

## Art History (ARTH)

**ARTH 201. History of Western Art I. 3 Hours.**

An introductory survey of Western art and its major monuments, artists, techniques, styles, and themes which encompass the art of prehistory, the Ancient World, the Middle Ages and the Renaissance.

**ARTH 202. History of Western Art II. 3 Hours.**

An introductory survey of Western art and its major monuments, artists, techniques, styles and themes. This course surveys the art of the Baroque and the 18th, 19th and 20th centuries.

**ARTH 210. Principles & Types of Architecture. 3 Hours.**

An introduction to the study of architecture through an examination of the principles that underlie architectural design and their use in outstanding historic examples of residential, religious, and civic architecture.

**ARTH 220. Survey of Asian Art History. 3 Hours.**

An introduction to the arts of Asia, including India, China, Japan, Korea, and Southeast Asia. This course addresses the distinctive styles, forms, and aesthetics of Asian art and their expression of Asian cultures and values. An emphasis will be placed upon indigenous traditions and transmissions of culture that motivated the creation of works of art. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ARTH 225. Islamic Art. 3 Hours.**

A survey of the art and architecture of Islamic cultures throughout the world. Emphasis in this course will be placed on understanding works of art within their social and religious contexts, including ritual use and/or cultural meaning, underlying aesthetic principles, and the social and political motivations shaping artistic production. Additional issues addressed include the use of art to express political power and Western attitudes towards Islamic art and civilization. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ARTH 231. Global History of Modern and Contemporary Art. 3 Hours.**

An historical overview of visual art throughout the twentieth century and into the twenty-first. This course will introduce the crucial social, political, philosophical and technological changes that shaped the development of modern and contemporary art. In examining the complex connections between artistic practice and diverse contexts, particular emphasis will be placed on the vital moments of artistic exchange between cultures and contested notions of modernity.

**ARTH 241. African Art: Gender, Power & Life-Cycle Ritual. 3 Hours.**

A survey of the arts of sub-Saharan Africa. This course examines examples of sculpture, architecture, painting, pottery, textile art, and body adornment in their religious, political, and social contexts. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ARTH 280. Selected Topics in Art History. 1 to 4 Hours.**

Selected topics in Art History at the introductory or intermediate level.

**ARTH 301. Ancient & Classical Art. 3 Hours.**

A study of the major developments in ancient Greek and Roman art and architecture, including a consideration of the Aegean and Etruscan cultures that preceded them. This course places objects in their cultural context, with emphasis on the use of art as a tool for political propaganda.

**ARTH 302. Medieval Art. 3 Hours.**

A study of the major developments in the visual arts during the Middle Ages, including the art of Constantinian Rome and Byzantium, the pre-Christian art of the North and its assimilation into the Christian tradition, the artistic expression of monasticism and pilgrimage, and the Gothic flowering of art in cathedral construction, sculpture, and manuscript illumination.

**ARTH 303. Italian Renaissance Art. 3 Hours.**

An examination of the arts of painting, sculpture, and architecture as practiced in Italy between 1300 and 1600, with emphasis on artistic techniques that were invented and/or perfected during this period. Topics discussed include humanism and the revival of antiquity, the changing social status of the artist, and the relation between the visual arts and literature.

**ARTH 304. Baroque & Rococo Art. 3 Hours.**

A study of the various individual, national, and period styles practiced during the 17th and 18th centuries, a period encompassing the artistic expression of absolute monarchy, Catholic encouragement vs. Protestant rejection of liturgical art, the foundation of academies of art, and the revelatory works of Bernini, Rubens, Velazquez, and Rembrandt.

**ARTH 305. 19th-Century Art. 3 Hours.**

A study of the principal styles and artists that distinguish the art produced just prior to and throughout the 19th century, seen against the background of significant cultural developments: political and industrial revolutions, the establishment of mass cultural venues such as the museum and the world's fair, the influence of music on the visual arts, and the waning influence of the academies vs. the emergent concept of the avant-garde.

**ARTH 308. Art of the American South. 3 Hours.**

This comprehensive survey course offers an overview of art of the American South. This course explores art of the American South from later European settlement through the present day, with the goal of exposing and understanding historical trajectories and myths as they play out in the visual arts. This seminar provides a broad overview of selected topics, including: natural history illustration; maps; architectural and decorative arts history; geographical spotlights (Charleston in particular); visual responses to war (the Civil War in particular); landscape painting; sonic approaches; photography; New Deal visual arts programs; regionalism; self-taught art and vernacular traditions; modernist impulses; and critiques and legacies of racism.

**ARTH 310. 20th Century Architecture: Modernism & Post-Modernism. 3 Hours.**

An exploration of the architecture of the twentieth century and the various architects, styles, and theories of design encompassed by the broad labels Modern and Post-Modern. These topics will be studied from a variety of perspectives-political, economic, social, technological, and aesthetic-in an effort to understand how recent architecture reflects the circumstances which surrounded its making and what the architects of the time tried to achieve and to express with its creation.

**ARTH 311. African American Art. 3 Hours.**

An introduction to African American art and artists and their social contexts from early slavery to the present day. The course will examine the roots, main currents, forms, styles, content, aesthetics, and ideological dimensions of African American art. Also considered will be the advantages and disadvantages of framing African American art as a distinct category and the 'black experience' as a distinct type of background. An emphasis will be placed on visual acuteness and identification, proper art historical terminology and concepts, and developing analytical writing skills.

**ARTH 321. Art of South Asia. 3 Hours.**

A study of major developments in the visual arts of the Indian subcontinent from the protohistoric era through the seventeenth century. Topics discussed include the political, economic, social, and cultural conditions that shaped the direction of visual arts and architecture in South Asia. Fundamental to this course will be the meaning and symbolic content of the arts in relation to regional indigenous religious traditions, namely Hinduism, Buddhism, and Jainism. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ARTH 322. Art of China. 3 Hours.**

An examination of topics in the visual arts of China from its protohistoric river cultures to the contemporary era. This course traces the development of Chinese art in the fields of painting, sculpture, calligraphy, architecture, and ceramics. Of special interest are the functional aspects of art, whether for ritual, expressive, or propagandistic purposes, and the shifting roles of artist and patron in Chinese civilization. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ARTH 323. Art of Japan. 3 Hours.**

An examination of topics relating to the visual arts of Japan, ranging from pottery and clay technologies in the protohistoric era to developments in the manufacture of nineteenth-century multicolored woodblock prints. Issues to be addressed include the impact of cultural interactions with continental Asia, the transmission of Buddhism and Buddhist art to Japan, and the growth of indigenous aesthetics and artistic practices. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**ARTH 330. Museum Studies: Theory and Practice. 3 Hours.**

Introduction to the history of museums and the field of museum studies. Issues of theory and practice will be examined as they relate to the development, care, and use of museums and systemic collections, museum education, administration, exhibition development, and evaluation of visitor engagement.

**ARTH 411. Art Historiography. 3 Hours.**

An exploration of the theory and methodology of art history, intended to develop critical thinking skills, to further the student's ability to write persuasively about art, to develop research and bibliographic skills, and to cultivate an awareness of some of the approaches employed by historians of art, including biography, connoisseurship, style criticism, iconology, and feminist criticism. The test of Art Historical Proficiency will be administered as part of this course. A score of 70% or better is required for all Art History majors.

**Prerequisite:** ARTH 201 with a minimum grade of D or ARTH 202 with a minimum grade of D or ARTH 210 with a minimum grade of D or ARTH 220 with a minimum grade of D or ARTH 225 with a minimum grade of D or ARTH 241 with a minimum grade of D.

**ARTH 412. Gender & Art of the Early Modern Period. 3 Hours.**

This seminar examines gender as it relates both to the creation and study of early modern art. Historical gender norms are investigated in relation to the content, artists, viewers and patrons of art of the period c. 1480-1630. Alongside the visual investigation of artworks, students will read, discuss, and write about a body of interconnected primary and secondary sources and develop the skill of evaluating scholarly arguments.

**Prerequisite:** ARTH 201 with a minimum grade of D or ARTH 202 with a minimum grade of D or ARTH 210 with a minimum grade of D or ARTH 220 with a minimum grade of D or ARTH 225 with a minimum grade of D or ARTH 241 with a minimum grade of D.

**ARTH 415. Empires & Antiquities. 3 Hours.**

A seminar investigating the development of Asian and Islamic art history, with emphasis on the changing attitudes of Western culture and scholarship towards the arts of Asia and the Islamic world. Among major topics of the course are Orientalism, European colonialism, nationalism in the nineteen and twentieth centuries, post-colonialism, and issues surrounding the presentation and collecting of objects from Asia and the Islamic world.

**Prerequisite:** ARTH 201 with a minimum grade of D or ARTH 202 with a minimum grade of D or ARTH 210 with a minimum grade of D or ARTH 220 with a minimum grade of D or ARTH 225 with a minimum grade of D or ARTH 241 with a minimum grade of D.

**ARTH 448. Senior Capstone in Art History. 3 Hours.**

An optional capstone experience for senior majors and minors, facilitating the synthesis of knowledge and skills encountered across the major program and the completion of an extended research project. Taught in seminar format, it is strongly recommended for students intending to pursue graduate study. Open only to seniors majoring or minoring in Art History.

**ARTH 470. Independent Study in Art History. 1 to 3 Hours.**

Study of a specific art historical topic under the direction of a faculty member in Art History. The readings, program of research, and written work to be undertaken by the student will be determined in consultation with the instructor.

**ARTH 480. Advanced Topics in Art History. 0 to 4 Hours.**

Offered periodically as announced. Recent topics have included: Vincent van Gogh and Rome: A City in History. Advanced standing required.

**ARTH 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Biology (BIO)

**BIO 103. Biology: Science in Context. 3 Hours.**

Students will explore the features that make science an important way of understanding the natural world. This exploration will focus on science-based topics and issues important in our contemporary world.

**BIO 150. Biological Inquiry (with lab). 4 Hours.**

Students in Biology 150 will advance their knowledge of biology (from the ecosystem level to the molecular level), learn and practice skills essential to biological inquiry, and integrate scientific ways of knowing into their development as liberally educated, engaged citizens. Individually and in teams, students will work with research organisms commonly used in the discipline, read the primary literature, and develop their observational and analytical, and quantitative (especially statistical) skills. Students will also develop oral and written communication skills through informal discussions, oral presentations, and written reports of their experimental work, which will benefit from the peer-review process.

**BIO 212. Introduction to Genetics & Molecular Biology (with lab). 4 Hours.**

Study of heredity and the roles of DNA and other macromolecules in the function of cells and organisms. This course will focus on inheritance at biochemical, organismal, and population levels. The laboratory portion of this course includes classic genetic crosses using model organisms (e.g., fruit flies), molecular techniques to analyze DNA, and bioinformatic analysis of DNA sequences. Lab reports will be used to assess students' understanding of the laboratory exercises.

**Prerequisite:** BIO 150 with a minimum grade of D.

**BIO 213. Introduction to Genetics & Molecular Biology. 3 Hours.**

Introduction to the biological processes that control the transmission and expression of genetic information with emphasis on the structure and function of nucleic acids. Students will study inheritance at the biochemical, organismal, and population levels.

**Prerequisite:** BIO 150 with a minimum grade of D.

**BIO 214. Introduction to Cellular Biology (with lab). 4 Hours.**

Study of biochemical, metabolic, structural & functional aspects of cells & cellular systems. The lab consists of modules introducing quantitative and qualitative data collection techniques, open-ended research projects to test student-generated hypotheses, and written and/or oral scientific presentations. This course is typically taught only in the spring semesters.

**Prerequisite:** BIO 212 with a minimum grade of C- and CHEM 123 with a minimum grade of D.

**BIO 215. Introduction to Cellular Biology. 3 Hours.**

Study of biochemical, metabolic, structural & functional aspects of cells & cellular systems.

**Prerequisite:** (BIO 212 with a minimum grade of C- or BIO 213 with a minimum grade of C-) and CHEM 123 with a minimum grade of D.

**BIO 216. Experimental Design, Analysis, and Communication. 3 Hours.**

Focus will be on experimental design, analysis, and communication of biological research studies. Students will generate hypotheses based on observations and previously published studies and carry out experiments that allow them to practice standard laboratory, greenhouse, or field techniques used in biology.

**Prerequisite:** BIO 212 with a minimum grade of D or BIO 213 with a minimum grade of D.

**BIO 241. Introduction to Biostatistics. 3 Hours.**

General introduction to statistical procedures in the Biological Sciences. Topics include: describing and displaying data, descriptive statistics, sampling distributions, experimental design, hypothesis testing, categorical data analysis, ANOVA, and linear regression analysis.

Students will use the statistical software package JMP to analyze data from studies in ecology, evolutionary biology, medicine and genetics.

**Prerequisite:** BIO 212 with a minimum grade of D or BIO 213 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 250. Introduction to Research. 0 to 4 Hours.**

Projects designed to introduce students to research and to critical reading of original research.

**BIO 275. Introduction to Bioinformatics. 3 Hours.**

An introduction to the basic computational methods used to analyze biological data with an emphasis on algorithms used in genomics. Other topics may include methods for storage, retrieval, analysis, and display of biological data.

**Prerequisite:** BIO 212 with a minimum grade of D or BIO 213 with a minimum grade of D.

**BIO 280. Selected Topics in Biology. 0 to 4 Hours.**

Selected topics in Biology at the introductory or intermediate level.

Courses with this designation are typically newly designed and are being explored for possible adoption as a regular addition to the curriculum.

**BIO 281. Special Topics in Ecology. 0 to 4 Hours.**

Selected topics in Ecology at the introductory or intermediate level. These courses are typically newly designed and are being explored for possible adoption as a regular addition to the curriculum.

**BIO 301. Medical Terminology. 1 Hour.**

This course is designed to fill the requirement of many "allied health" graduate schools for a course in medical terminology. This will be a guided self study. A chapter of the textbook will be assigned every day, and you will complete the reading and take a quiz at any time of the following day. You should expect to spend about an hour per day on this course.

**Prerequisite:** BIO 342 with a minimum grade of D.

**BIO 303. Introduction to Public Health. 3 Hours.**

Effective public health systems require the application of biological knowledge to prevent and treat disease and improve the health of communities. In this course students will study the disciplinary foundations of public health and epidemiology. Then, using real examples and cases involving infectious and chronic diseases, students will investigate the biological and social factors that affect the health of human communities from the local to global levels. This course is open to all majors, but students must have junior or senior standing.

**BIO 305. Conservation Biology. 3 Hours.**

This course will provide an introduction to the discipline of conservation biology. Topics covered will include patterns of biodiversity and extinction, threats to biodiversity, biological principles guiding conservation, and strategies for protecting and restoring biodiversity.

**Prerequisite:** BIO 212 with a minimum grade of D or BIO 213 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 309. Seminar in Evolutionary Biology. 3 Hours.**

Designed to refine and extend student fluency (both verbal and written) in evolutionary biology topics and techniques through critical reading and analysis of primary research articles.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 310. Seminar in Ecology. 3 Hours.**

This seminar is designed to refine and extend student fluency (both verbal and written) in ecological topics and techniques through the dissection and discussion of research papers.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 311. Seminar in Genetics and Genomics. 3 Hours.**

Designed to refine and extend student fluency (both verbal and written) in current genetics and genomics topics and techniques through critical reading and analysis of primary research articles.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 313. Plants & Ecosystems. 3 Hours.**

A study of plants and how they interact with their environment. Topics include interactions with both abiotic and biotic portions of their environment, with emphasis on biotic interactions. The study of these interactions include: plants and their pollinators, herbivores, mycorrhizal fungi, and an introduction to plant-plant interactions.

**Prerequisite:** BIO 216 with a minimum grade of D.

**BIO 314. Plant & Ecosystems (with lab). 4 Hours.**

Identical to BIO 313, but with a lab component. The lab provides the opportunity to conduct hands-on experience with the scientific method in the context of plant biology and ecology. Skills in question formation, experimental design, experimental execution, and documentation of the results will be developed.

**Prerequisite:** BIO 216 with a minimum grade of D.

**BIO 322. Biology of the Vertebrates. 3 Hours.**

An exploration of the biology, natural history and diversity of vertebrates, and the evolution of form and function within this group.

**Prerequisite:** BIO 212 with a minimum grade of D or BIO 213 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 323. Biology of the Vertebrates (with lab). 4 Hours.**

Identical to BIO 322, but with a lab component. The lab focuses on developing and conducting an original research project centered on vertebrate biology. Skills in preparing a primary literature review, producing a grant proposal, sound experimental design and data analysis will be developed. Students will conduct an original research project and prepare results for written and oral presentation.

**Prerequisite:** BIO 212 with a minimum grade of D or BIO 213 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 324. Microbiology (with lab). 4 Hours.**

Study of the biology of microorganisms, with emphasis on bacteria and viruses. Laboratory work includes techniques for handling, culturing and identifying bacteria, identification of unknown bacterial species and development of epidemiological models for the spread of infectious diseases.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 325. Comparative Reproductive Biology. 3 Hours.**

An examination of the biology of reproduction in a variety of animal species. Topics include: the evolution of sex, sex determination, female and male reproductive systems, fertilization, and early embryonic development. Additionally, current topics in the field including reproductive disorders and endocrine disrupting contaminants will be discussed. Topics will be covered using approaches from genetics, cell biology, anatomy, and physiology. Students will read primary literature, and analyze case studies and clinical scenarios.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 326. Comparative Reproductive Biology (with lab). 4 Hours.**

Identical to BIO 325, but with a laboratory component. Students will design and conduct a multi-week experiment.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 331. Developmental Biology. 3 Hours.**

Study of the biological mechanisms driving organismal development, the process by which complex organisms are formed from single cells. Includes a description of early embryonic development from fertilization through formation of the nervous system.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 332. Developmental Biology (with lab). 4 Hours.**

Identical to BIO 331, but with a lab component. The lab focuses on a research project in which students explore the recent literature and practice the laboratory techniques used in this field.

**Prerequisite:** BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D.

**BIO 333. Nutrition. 3 Hours.**

An integrated overview of nutrition to include the physiology of digestion and absorption, basic nutrients and their utilization, vitamins and minerals, additives, healthy diets and lifestyle, cultural and social influences on diet, weight control and life-cycle nutrition.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 342. Human Physiology (with lab). 4 Hours.**

Study of the concepts of physiological mechanisms responsible for maintaining homeostasis in humans, including: thermoregulation, neural and hormonal control systems, muscle function, cardiovascular function, and renal function. In lab, physiological data are collected and analyzed using a variety of methods. Case studies are also incorporated.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 344. Mammalian Histology (with lab). 4 Hours.**

Microscopic study of the cellular structure of tissues and organs. In lab, students examine prepared microscope slides while consulting their text-atlas before reviewing digital images of histological material.

**Prerequisite:** (BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D) and BIO 342 with a minimum grade of C.

**BIO 351. Research Methods & Communication, Neurobiology (with lab). 4 Hours.**

Projects designed to engage students in research methods, critical reading of the primary literature, and oral and written communication of original research in this topic area.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 352. Research Methods & Communication, Ecology (with lab). 4 Hours.**

Projects designed to engage students in research methods in critical reading of the primary literature, and in oral and written communication of original research in this topic area.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 353. Research Methods & Communication, Organismal Biology (with lab). 4 Hours.**

Projects designed to engage students in research methods, in critical reading of the primary literature, and in oral and written communication of original research in this topic area.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 354. Research Methods & Communication, Genetics & Genomics (with lab). 4 Hours.**

Projects designed to engage students in research methods, in critical reading of the primary literature, and in oral and written communication of original research in this topic area.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 355. Research Methods & Communications, Cell & Molecular Biology (with lab). 4 Hours.**

Projects designed to engage students in research methods, in critical reading of the primary literature, and in oral and written communication of original research in this topic area.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 356. Research Methods and Communication, Evolutionary Biology (with lab). 4 Hours.**

Projects designed to engage students in research methods, in critical reading of the primary literature, and in oral and written communication of original research in this topic area.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 360. Current Topics in Biology. 3 Hours.**

An in-depth examination of selected topics, considered from biological, historical, philosophical and sociopolitical perspectives. Possible topics include: human embryonic stem cell research, AIDS, the environment, eugenics and human genetics, human experimentation, teaching evolution, emerging viruses, psychotropic drugs, world population, international public health, and biological warfare.

**Prerequisite:** BIO 213 with a minimum grade of D.

**BIO 370. Field Biology (with lab). 4 Hours.**

Introduction to the identification and natural history of arthropods, animals and selected groups of non-vascular "plants," emphasizing the identification of specimens using dichotomous keys and other print/web resources. Labs are typically in the field practicing the skills to identify organism by sight recognition.

**Prerequisite:** BIO 213 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 372. Field Botany (with lab). 4 Hours.**

Introduction to the vascular plants and plant communities of South Carolina, including ecology and natural history, use of dichotomous keys in identification, and field recognition of plants and plant communities.

**Prerequisite:** BIO 150 with a minimum grade of D.

**BIO 382. Ecology (with lab). 4 Hours.**

Scientific study of the interactions that determine the distribution and abundance of living organisms. Topics include: ecological principles are at the level of the organism, the population, the community, and the ecosystem. Current research literature will be utilized.

**Prerequisite:** BIO 212 with a minimum grade of D or BIO 216 with a minimum grade of D.

**BIO 383. Ecotoxicology. 3 Hours.**

Examines the effect of environmental contaminants on individuals, populations, communities, and ecosystems, including how special interests influence toxicological issues facing the nation and world today and in the future.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 385. Marine Biology. 3 Hours.**

Examines the physical and biological components of marine ecosystems with an emphasis on the diversity of organisms and their ecological adaptations to the sea. Additionally, issues that significantly impact the environmental and ecological stability of ocean communities will be discussed.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 386. Freshwater Biology (with lab). 4 Hours.**

An exploration of the physical attributes and biological communities of freshwater ecosystems. Topics include how and why many freshwater systems may be over-exploited and ill-used and the subsequent impact on our water resources. Lab includes travel to explore local/regional streams and lakes.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**BIO 391. Animal Behavior. 3 Hours.**

An exploration of the diverse science of animal behavior. Topics will range from the ultimate evolutionary causes of behavior to the internal mechanisms (such as genes and hormones) that influence animals responding to complex, environmental factors.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 392. Animal Behavior (with lab). 4 Hours.**

Identical to BIO 391, but with a lab component. Students will apply the methods of ethology in field and laboratory settings and conduct an original research project centered on animal behavior.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 399. Evolution. 3 Hours.**

Introduction to the facts and theories of biological evolution. Topics include a historical overview, the evidence for evolution, adaptation and natural selection, the evolution of diversity, the fossil record, extinction, evo-devo, genomics, and evolutionary genetics.

**Prerequisite:** BIO 215 with a minimum grade of D.

**BIO 400. Evolutionary & Integrative Biology (with lab). 4 Hours.**

An advanced study of evolutionary biology and an exploration of complex biological questions and 21st century societal issues in biology from an integrative perspective.

**Prerequisite:** BIO 214 with a minimum grade of C- or (BIO 215 with a minimum grade of C- and BIO 216 with a minimum grade of C-).

**BIO 421. Human Genetics Seminar. 3 Hours.**

The study of genes and their function, concentrating on human genes and genetics.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 422. Human Genetics Seminar (with lab). 4 Hours.**

Identical to BIO 421, but with a lab component.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 423. Immunology. 3 Hours.**

A comprehensive introduction to the mechanisms of immune system function focusing on the mammalian immune system and utilizing case studies of immunological disorders.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 424. Immunology (with lab). 4 Hours.**

Identical to BIO 423, but with a lab component. Students will practice the research techniques used in this field.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 433. Cellular Biochemistry. 3 Hours.**

Study of the mechanisms of life on the cellular level. Topics may include cell metabolism, enzyme mechanisms and regulation, cell-cell communication, and errors of metabolism. Special attention will be focused on applications of biochemistry to health and disease.

**Prerequisite:** BIO 214 with a minimum grade of C- or BIO 215 with a minimum grade of C-.

**BIO 440. Comparative & Human Anatomy (with lab). 4 Hours.**

Study of vertebrate and human anatomy with an emphasis on form and function. Topics include the evolution of vertebrates, developmental processes, biomechanics, pathology, and current research. Lab includes model construction, extensive dissection, and comparative morphology of extant species.

**Prerequisite:** BIO 214 with a minimum grade of D or (BIO 215 with a minimum grade of D and BIO 216 with a minimum grade of D).

**BIO 445. Neurobiology. 3 Hours.**

Study of the structure and function of the nervous system from subcellular to systems levels with emphasis on the experimental foundation of modern principles.

**Prerequisite:** BIO 214 with a minimum grade of C- or (BIO 215 with a minimum grade of C- and BIO 216 with a minimum grade of C-).

**BIO 446. Neurobiology (with lab). 4 Hours.**

Identical to Biology 445, but with a lab component. The lab includes cellular and physiological studies using fly larvae as a model system, comparative anatomical studies using sheep brain as a model, and student generated hypothesis testing in the areas of sensation and perception, learning, and /or cognition. Students also explore complimentary research in this field, and assessments include written and oral presentations of their work.

**Prerequisite:** BIO 214 with a minimum grade of C- or (BIO 215 with a minimum grade of C- and BIO 216 with a minimum grade of C-).

**BIO 447. Cellular Neurobiology. 3 Hours.**

Study of the structure and function of the nervous system emphasizing the subcellular, electrochemical, and signaling properties of neurons that establish the foundation for functional neural circuits and neuronal plasticity. This course places special emphasis on the experimental foundation of modern principles.

**Prerequisite:** BIO 214 with a minimum grade of C- or (BIO 215 with a minimum grade of C- and BIO 216 with a minimum grade of C-).

**BIO 448. Systems Neurobiology. 3 Hours.**

Study of the structure, function, and anatomical organization of neural circuits comprising the sensory and motor circuits of the nervous system with special emphasis on sensory/ motor integration leading to behavior and cognition. This course places special emphasis on the experimental foundation of modern principles.

**Prerequisite:** BIO 214 with a minimum grade of C- or (BIO 215 with a minimum grade of C- and BIO 216 with a minimum grade of C-).

**BIO 449. Cancer Biology. 3 Hours.**

This course addresses the fastest growing and changing field in biology and medicine today: Oncology. We will study the function of cancer cells in depth and learn about the advances in molecular biology, genomics, cell biology and immunology that are revolutionizing the clinical battle against the myriad forms of cancer.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 450. Research. 1 to 4 Hours.**

Original research in an area of student's interest.

**Prerequisite:** BIO 250 with a minimum grade of D.

**BIO 480. Advanced Topics in Biology. 0 to 4 Hours.**

Selected topics in Biology at the advanced level. Courses with this designation are typically newly designed and are being explored for possible adoption as a regular addition to the curriculum.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 481. Special Topics in Ecology. 4 Hours.**

Selected topics in Ecology at the advanced level. Courses with this designation are typically newly designed and are being explored for possible adoption as a regular addition to the curriculum.

**BIO 491. Case Studies In Human Disease. 3 Hours.**

A survey of all of the broad disease categories: genetic and congenital abnormalities, inflammatory/autoimmune diseases, environmentally linked diseases, forensic pathology, infectious disease, and neoplasia/ cancer. Discussion of case studies will be used to reinforce disease concepts.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 493. Case Studies in Public Health. 3 Hours.**

Using a case study format and self-directed learning, students in this course will consider important local, national, and international public health issues. Community and or campus service projects may be incorporated.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

**BIO 495. Case Studies in Biomedicine. 3 Hours.**

Study of the biology of human disease through patient-oriented problem solving and self-directed learning under the guidance of a mentoring physician. Discussions of readings on medically related topics (e.g., art of diagnosis, impact of technology on medicine, mortality and medicine) and a patient-interview exercise complement the case studies sessions.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.



**BIO 497. Case Studies in Environmental Issues. 3 Hours.**

The course challenges students to consider environmental issues that confront us locally, nationally and globally. A case study format will be used to provide students with a practical approach to environmental problems. This course is open to all majors, but students must have junior or senior standing.

**BIO 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

**Prerequisite:** BIO 214 with a minimum grade of D or BIO 215 with a minimum grade of D.

## Business (BUS)

**BUS 210. Personal Finance. 3 Hours.**

This course focuses on managing money on the personal, that is, individual or household, level. It is a broad introductory course covering banking, taxes, credit, insurance and investing. This course does not satisfy any major or minor requirements for Accounting or Finance nor does it satisfy any requirements for the Business minor. Offered every semester.

**BUS 280. Selected Topics in Business. 1 to 4 Hours.**

A study of selected topics in business at an intermediate level. Offered on an occasional basis.

**BUS 301. Leadership - In Business & Beyond. 3 Hours.**

Leadership occurs in all areas of human activity - business, the military, government, church, science, politics, education, the arts, and more. The mission statement of Wofford College specifies leadership as one of the means by which our students should be prepared "...for extraordinary and positive contributions to society." The promise of this course is that students who master the model presented will become leaders who exercise leadership effectively as their natural self-expression. The educational philosophy of the course is that students must first learn about leader and leadership, and then seamlessly integrate them into their lives. Offered every semester.

**BUS 331. Management. 3 Hours.**

A study of management topics such as performance, worker productivity, social responsibilities, managerial skills, organizational theory, and strategy. Both historical and contemporary examples are used to illustrate important concepts. This course is writing intensive and also will require each student to make an oral presentation on an assigned management topic. Offered every semester.

**BUS 338. Marketing. 3 Hours.**

A study of basic marketing concepts. Topics include product, price, promotion and distribution strategies, and analysis of market information and buying behavior. Offered every semester.

**BUS 339. Consumer Behavior. 3 Hours.**

Concepts, methods, and models used in understanding, explaining, and predicting consumer motivation and behavior. Implications for influencing decisions are highlighted. Offered fall semester.

**BUS 340. Marketing Research. 3 Hours.**

A study of the application of the scientific method and analysis to marketing phenomena. Offered spring semester.

**BUS 347. Entrepreneurship and Small Business Management. 3 Hours.**

An introduction to entrepreneurship and the unique requirements of managing a small business enterprise. For-profit, not-for-profit, educational, social entrepreneurship and small business management are discussed. The key concepts to be covered in this course are entrepreneurial perspectives, idea generation, opportunities, venture funding and financing alternatives, marketing and advertising methods, and launch of the new venture. An important feature of the course is the creation of a business plan by students. The course will be communications-intensive through class discussions, writing assignments, and formal presentations. Offered annually.

**Prerequisite:** ACCT 211 with a minimum grade of D and FIN 321 with a minimum grade of D.

**BUS 350. Business and the Environment: The Sustainable Enterprise. 3 Hours.**

Appropriate for all majors, this course will explore how environmental issues, especially climate change, are not only serious societal challenges but are becoming major business and market issues. We will discuss how an active role by business is critical to addressing global environmental challenges and how creative enterprises are pursuing new business opportunities linked to environmental products and initiatives. Offered annually.

**BUS 360. Strategic Management. 3 Hours.**

An introduction to the topic of strategic management - the integrative management discipline used by organizations to create and sustain superior firm performance relative to competitors (Frank Rothaermel). Strategic management integrates knowledge from other disciplines by focusing on analysis, formulation, and deployment of an overarching strategy for how to win in the marketplace. The high-level outcome of the course is that students begin to grasp the crucial role of strategy in leading organizations to sustainably deliver value to its stakeholders.

**Prerequisite:** ACCT 211 with a minimum grade of D and FIN 321 with a minimum grade of D.

**BUS 380. Selected Topics in Business. 1 to 4 Hours.**

Selected topics in business at the intermediate level. Specific topics vary from semester to semester.

**BUS 381. Selected Topics in Management. 1 to 4 Hours.**

Selected topics in management at the intermediate level. Specific topics vary from semester to semester.

**BUS 382. Selected Topics in Marketing. 1 to 4 Hours.**

Selected topics in marketing at the intermediate level. Specific topics vary from semester to semester.

**BUS 470. Independent Study in Business. 1 to 3 Hours.**

Independent study of selected topics in business at an advanced level. Specific topics vary from semester to semester.

**BUS 480. Advanced Topics in Business. 1 to 4 Hours.**

Topics and credit may vary from year to year. Permission of instructor required. Offered on occasional basis.

## Chemistry (CHEM)

**CHEM 103. Chemistry: Science in Context. 3 Hours.**

Students will explore the features that make science an important way of understanding the natural world. This exploration will focus on science-based topics and issues important in our contemporary world.

**CHEM 104. Chemistry: Concepts & Methods (with lab). 4 Hours.**

A study of topics selected to introduce students to basic concepts in chemistry and to the scientific method. Does not count toward a major in Chemistry.

**CHEM 123. General Chemistry I (with lab). 4 Hours.**

A study of the nature of matter and the changes it undergoes from a molecular perspective. The first of a two-semester sequence, this course focuses on atomic structure, molecular bonding, reaction stoichiometry, energy related to chemical change, gases, and quantitative and proportional reasoning. The laboratory portion examines chemical techniques and measurements, laboratory safety, data collection, and interpretation of data using chemical and mathematical models.

**CHEM 124. General Chemistry II (with lab). 4 Hours.**

The second of the two-semester sequence that continues the study of matter and the changes it undergoes. The focus is on chemical equilibrium, acid-based equilibria, phase equilibria, chemical kinetics, thermodynamics, electrochemistry, and quantitative reasoning. The laboratory portion examines chemical techniques and measurements, laboratory safety, data collection, and interpretation of data using chemical and mathematical models.

**Prerequisite:** CHEM 123 with a minimum grade of C.

**CHEM 203. Organic Chemistry I (with lab). 1 or 3 Hours.**

A study of the major classes of organic compounds, with emphasis on structure and mechanisms. The lab portion will emphasize laboratory set-ups, distillation, extraction, recrystallization, chromatographic separations, and spectroscopic analysis (particular attention will be paid to simple IR and NMR analysis).

**Prerequisite:** CHEM 124 with a minimum grade of C.

**CHEM 204. Organic Chemistry II (with lab). 1 or 3 Hours.**

A continuation of CHEM 203 in studying the major classes of organic compounds, with emphasis on structure and mechanisms. The lab portion will emphasize laboratory set-ups, distillation, extraction, recrystallization, chromatographic separations, and spectroscopic analysis (particular attention will be paid to simple IR and NMR analysis).

**Prerequisite:** CHEM 203 with a minimum grade of C.

**CHEM 214. Introductory Analytical Chemistry (with lab). 1 or 3 Hours.**

Fundamental theories and techniques of quantitative chemical analysis. The lab portion focuses on the application of classical procedures for specific determinations. It includes volumetric, gravimetric, and common electroanalytical chemistry techniques.

**Prerequisite:** CHEM 124 with a minimum grade of C.

**CHEM 224. Environmental Chemistry (with lab). 1 or 3 Hours.**

This course provides an introduction to aquatic, soil and atmospheric chemistry processes that effect local and global ecology, with an emphasis on the effects on humans.

**Prerequisite:** CHEM 124 with a minimum grade of C.

**CHEM 250. Introduction to Research. 1 Hour.**

Elementary investigations in chemistry for students who wish to begin research early in their undergraduate studies. A student may earn a maximum of 4 semester hours in Chemistry 250.

**Prerequisite:** CHEM 124 with a minimum grade of C.

**CHEM 280. Selected Topics in Chemistry. 1 to 4 Hours.**

Group or individual study of selected topics in chemistry at an intermediate level. Intended for non-chemists as well as students majoring in Chemistry. Specific topics vary with student interest and are announced one semester in advance.

**CHEM 308. Biotechnology (with lab). 1 or 3 Hours.**

This course is designed to provide knowledge and skills of biochemical processes and their application to industrial chemistry and microbiology. The lab exercises in this course have been selected to provide practical experience in biochemical processes and their application to industrial chemistry, microbiology, and use of microorganisms for biological synthesis.

**Prerequisite:** CHEM 204 with a minimum grade of D.

**CHEM 309. Biochemistry (with lab). 1 or 3 Hours.**

A rigorous introduction to modern biochemistry with an emphasis on the molecular basis of cellular structure and biological function. A thorough treatment of physicochemical properties of informational macromolecules is employed to provide a sound basis for the study of bioenergetics and metabolic organization. The lab exercises provide experience in protein chemistry and in chromatographic and electrophoretic separation, and emphasizes the basic principles of biochemistry.

**Prerequisite:** CHEM 204 with a minimum grade of D.

**CHEM 313. Physical Chemistry I (with lab). 1 or 3 Hours.**

A study of the laws and theories of thermodynamics applied to chemical systems presented from a modern perspective. Theories describe the behavior of energy, heat, work; entropy; reaction spontaneity and equilibrium; equations of state; and phase diagrams. The lab portion studies chemical kinetics using both modern experimental techniques and computer-aided calculations and simulations. Also emphasized is understanding the measurements of chemical reaction rates, from both theoretical and experimental perspectives, while focusing on methods for statistical treatment of experimental data.

**Prerequisite:** CHEM 214 with a minimum grade of D and (PHY 122 with a minimum grade of D or PHY 142 with a minimum grade of D) and MATH 182 with a minimum grade of D.

**CHEM 314. Physical Chemistry II (with lab). 1 or 3 Hours.**

An introduction to quantum chemistry focusing on the postulates and models of quantum mechanics as they apply to atoms and molecules. The laboratory engages in an experimental study of selected aspects of physical chemistry, with emphasis on experimentation relevant to the field of quantum chemistry. Topics include laser operation, optical spectroscopy, and quantum computational methods.

**Prerequisite:** MATH 182 with a minimum grade of D and CHEM 313 with a minimum grade of D and (PHY 142 with a minimum grade of D or PHY 122 with a minimum grade of D).

**CHEM 323. Inorganic Chemistry (with lab). 1 or 3 Hours.**

A survey of inorganic chemistry with emphasis on the periodicity of the elements and development of the modern theories of the relationships of chemical behavior and structure. This laboratory component focuses on the synthesis and characterization of organometallic, coordination, bioorganic, and solid state compounds, including inert atmosphere techniques, vibrational spectroscopy, NMR spectroscopy, and electrochemistry.

**Prerequisite:** CHEM 124 with a minimum grade of C.

**CHEM 360. Chemical Information & Seminar. 1 Hour.**

Both an introduction to the retrieval of information from on-line databases in chemistry and a seminar course discussing current topics in chemistry through the examination of the primary literature of chemistry in combination with seminars presented by outside speakers and students enrolled in the course. The goal of the course is to provide students with the tools, including the computer skills, necessary to conduct independent literature searches for courses and research and to also learn how to make effective computer-assisted presentations.

**Prerequisite:** CHEM 204 with a minimum grade of D.

**CHEM 361. Chemistry Seminar I. 1 Hour.**

A seminar course discussing current topics in chemistry through the examination of the primary literature of chemistry in combination with seminars presented by outside speakers and students enrolled in the course. This course is designed to be taken in the junior or senior year after the completion of General Chemistry, Organic Chemistry, and while enrolled in upper level chemistry courses.

**Prerequisite:** CHEM 204 with a minimum grade of D.

**CHEM 409. Advanced Biochemistry. 2 Hours.**

This course is designed to provide detailed and in-depth study of selected topics in biochemistry. The emphasis is to familiarize students with specific metabolic pathways and their regulations, hormones, nutrients, abnormal biochemical reactions in human disease and the theory and practice of X-ray crystallography as it applies to studying the 3D structure of macromolecules.

**Prerequisite:** CHEM 309 with a minimum grade of C.

**CHEM 411. Instrumental Analysis (with lab). 1 or 3 Hours.**

A study of the theories employed in analytical instrumentation. The application of instruments for methods in absorption and emission spectroscopy, gas chromatography, mass spectroscopy, radioisotopes, electrometric measurements, and separations will be emphasized. The lab is the practical application of instrumental procedures for specific determinations. It includes gas chromatography, mass spectroscopy, UV-Vis spectroscopy, IR spectroscopy, electrometric measurements, and thermal analysis.

**Prerequisite:** CHEM 214 with a minimum grade of C or CHEM 224 with a minimum grade of C.

**CHEM 420. Advanced Organic Chemistry Laboratory. 1 Hour.**

Utilize techniques to process organic chemical reactions and assess their progress and side reactions applying advanced analytical techniques. This course is designed for students planning to pursue a career in industrial chemistry or an advanced degree in chemistry.

**Prerequisite:** CHEM 204 with a minimum grade of C.

**CHEM 421. Advanced Organic Chemistry: Reactions & Synthesis. 3 Hours.**

Advanced topics in synthetic organic chemistry. Topics include carbon-carbon bond forming reactions and functional group interchanges and their application to the synthesis of complex structures.

**Prerequisite:** CHEM 204 with a minimum grade of C.

**CHEM 422. Organic Spectroscopy. 2 or 3 Hours.**

Designed for students that wish to pursue a graduate degree in chemistry, topics will focus on spectroscopic techniques that are used in the field of organic chemistry, including learning the underlying quantum mechanical systems that describe energy levels in organic molecules and the mathematical description of light as it interacts with molecules.

**Prerequisite:** CHEM 204 with a minimum grade of C.

**CHEM 423. Advanced Organic Chemistry: Kinetics, Mechanisms & Heterocycles. 3 Hours.**

A survey of specific topics within organic chemistry. Topics include an introduction to the kinetics of organic reactions and how the application of kinetic studies relates to the elucidation of organic mechanisms. The fundamentals of organic mechanisms are then used as the foundation to introduce concepts in heterocyclic chemistry.

**Prerequisite:** CHEM 204 with a minimum grade of C.

**CHEM 425. Industrial Chemistry. 2 Hours.**

Designed for students that are pursuing a career in industrial chemistry, this course will teach students about scale-up techniques to take viable products from the laboratory scale to the industrial manufacturing scale. Students will visit local companies to learn about plant equipment and design.

**Prerequisite:** CHEM 204 with a minimum grade of C and (CHEM 421 with a minimum grade of D or CHEM 423 with a minimum grade of D).

**CHEM 427. Introduction to Polymer Chemistry. 2 Hours.**

An introductory study of polymers and their properties. Topics covered will include polymerization mechanisms, polymer syntheses, and the characterization and application of various polymers.

**Prerequisite:** CHEM 204 with a minimum grade of C.

**CHEM 450. Senior Research. 1 to 4 Hours.**

Guided original research in the field of a student's interest. Introduction to basic principles of library and laboratory research leading to a solution of the problem and a written report. A student may earn a maximum of four semester hours in Chemistry 450. Permission of instructor and Department Chair required.

**CHEM 480. Advanced Topics in Chemistry. 1 to 4 Hours.**

Group or individual study of special topics in chemistry at an advanced level. Topics vary with student interest, but are selected from an advanced area of analytical, organic, inorganic, physical, or biochemistry, and are announced one semester in advance.

**CHEM 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Chinese (CHIN)

**CHIN 101. Beginning Active Chinese. 4 Hours.**

Students will develop good pronunciation in speaking Mandarin Chinese (putonghua or guoyu) to exchange information in simple but accurate Chinese on some basic topics (greetings, personal introductions, personal daily activities), to have a good command of some basic radicals as well as some commonly used Chinese characters.

**CHIN 102. Beginning Active Chinese. 4 Hours.**

Students will continue to develop good pronunciation in speaking Mandarin Chinese (putonghua or guoyu). This includes the exchange information in simple but accurate Chinese (greetings, personal introductions, personal daily activities), to have a good command of some basic radicals as well as commonly used Chinese characters.

**CHIN 201. Low Intermediate Chinese. 4 Hours.**

The intermediate level Chinese courses are to enhance command of the basic structures and vocabulary, to increase ability to communicate in Chinese both in speaking and writing, and to further develop interest in the Chinese language and culture.

**Prerequisite:** CHIN 102 with a minimum grade of C-.

**CHIN 202. Low Intermediate Chinese. 4 Hours.**

The intermediate level Chinese courses are to enhance command of the basic structures and vocabulary, to increase ability to communicate in Chinese both in speaking and writing, and to further develop interest in the Chinese language and culture.

**Prerequisite:** CHIN 201 with a minimum grade of C-.

**CHIN 241. Language & Culture I. 1 Hour.**

Students may use appropriate programming available via the Wofford Cable Network as a language and culture classroom, electing the amount of viewing time they wish to undertake in a given semester: three viewing hours per week. Students meet with a faculty member for a weekly individual consultation, at which time they deliver a written summary of their viewing experiences. The courses may be repeated up to a maximum of four semester hours.

**Prerequisite:** CHIN 102 with a minimum grade of C-.

**CHIN 280. Selected Topics in Chinese. 1 to 4 Hours.**

The study of selected topics at the introductory or intermediate level in Chinese culture. Conducted in English; open to all students. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**CHIN 301. High Intermediate Chinese. 4 Hours.**

High Intermediate Chinese encourages students to increase their sophistication in reading and writing in Chinese in more formal styles. The course is conducted primarily in Chinese. Study materials include texts, web sources, and Chinese language television.

**Prerequisite:** CHIN 202 with a minimum grade of C-.

**CHIN 302. Low Advanced Chinese. 4 Hours.**

Low Advanced Chinese encourages students to continue to increase their sophistication in reading and writing in Chinese in more formal styles. The course is conducted primarily in Chinese. Study materials include texts, web sources, and Chinese language television.

**Prerequisite:** CHIN 301 with a minimum grade of C.

**CHIN 304. Chinese Culture Through Film. 3 Hours.**

Through careful study of cinematic text as mirror, students will learn to identify, understand, and analyze historical, social, political, and economic issues that have shaped China from its imperial period and into the 21st century. Topics include the family and tradition, the individual and society, past and present, man and nature, the change of cultural and social values, and woman's evolving role in society. All films have English subtitles. Successful completion of this course satisfies the Cultures & Peoples requirement for graduation.

**CHIN 306. Intercultural Communication Between East and West. 3 Hours.**

This course intends to help students understand the basic concepts and ideologies of the three major religions and philosophies in South East Asia, particularly in China, i.e. Confucianism, Daoism and Chinese Buddhism. Students will explore the close ties between these religions and philosophies as reflected in language and communication styles, and begin to understand different concepts of the 'self' (independent and relational) and 'face' in collectivism and individualism. Students will learn to anticipate, analyze and explain some of the causes of misunderstanding or miscommunication among the peoples from the West and East. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**CHIN 307. Modern China. 3 Hours.**

This course is intended to help students understand China's evolution from its imperial past into a modern present by examining the impact of the Opium War and other popular revolts of the late 19th and early 20th centuries, the social and cultural conflicts between western civilization and traditional Confucianism after 1911, and the rise of diverse political movements after the creation of the People's Republic of China in 1949. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**CHIN 401. Advanced Chinese I. 4 Hours.**

In this course, students will increase their sophistication in reading and writing in Chinese in more formal styles. The course will be conducted primarily in Chinese. Study materials include texts, web sources, and television. Students will learn basic techniques of written translation.

**Prerequisite:** CHIN 302 with a minimum grade of C.

**CHIN 402. Advanced Chinese II. 4 Hours.**

In this course, students will increase their sophistication in reading and writing in Chinese in more formal styles. The course will be conducted primarily in Chinese. Study materials include texts, web sources, and television. Students will learn basic techniques of written translation.

**Prerequisite:** CHIN 401 with a minimum grade of C.

**CHIN 412. Chinese Literature in Translation. 3 Hours.**

Students will read and learn to analyze from a cross-cultural perspective selected masterpieces of Chinese prose, poetry, and drama. Students will learn to appreciate the literary value of the selected works and to understand the historical, social, and cultural contexts of these works.

The course is conducted in English and the focus of the course may vary (e.g. a particular period, a genre, or special topics) each time it is offered. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**CHIN 470. Independent Study. 1 to 4 Hours.**

A course in which the student pursues independently, under the guidance of a member of the department, a specific topic of interest. Permission of instructor required.

**CHIN 480. Advanced Topics in Chinese. 1 to 4 Hours.**

The study of selected topics at the advance level in Chinese culture. Conducted primarily in Chinese.

## Computer Science (COSC)

**COSC 115. Introduction to Web Authoring. 3 Hours.**

An introduction to creating websites with a focus on client-side technologies. HTML, CSS, JavaScript, responsive layouts, and content management systems. No programming background is required.

**COSC 150. Scientific Investigations Using Computation (with lab). 4 Hours.**

With improved computational abilities and the explosion of the amount of scientific data, practicing scientists now routinely implement computation to test hypotheses and guide their research. Thus, joining theory and experiment, computation is the third major paradigm of science. Students in this course will explore important science concepts and using computation tools implement the scientific method to gain a better understanding of the natural world.

**COSC 201. Modeling & Simulation. 3 Hours.**

An introduction to modeling and simulation as part of the interdisciplinary field of computational science. Large, open-ended scientific problems often require the algorithms and techniques of discrete and continuous computational modeling and Monte Carlo simulation. Students learn fundamental concepts and implementation of algorithms in various scientific programming environments. Throughout, applications in the sciences are emphasized. Cross-listed with MATH 201.

**Prerequisite:** MATH 181 with a minimum grade of D.

**COSC 235. Programming & Problem Solving. 3 Hours.**

An introduction to computer programming and algorithmic thinking. Students learn how to solve computational problems and implement their solutions in a programming language. Completion of this course with a C or higher is a prerequisite for all 300- and 400- level courses in Computer Science.

**COSC 240. Discrete Structures. 3 Hours.**

A study of concepts foundational to computer science: sets, logic, the nature of proof, functions, algorithms, relations, lattices, and graphs.

**Prerequisite:** COSC 235 with a minimum grade of D and (MATH 140 with a minimum grade of D or MATH 160 with a minimum grade of D or MATH 181 with a minimum grade of D).

**COSC 270. Independent Study in Computer Science. 1 to 3 Hours.**

Independent study of selected topics in Computer Science at an intermediate level. It is intended for students who do not plan to major in Computer Science as well as for those who do. Specific topics vary from semester to semester. Permission of the instructor required.

**COSC 273. Computer Organization & Architecture. 3 Hours.**

An introduction to computer organization and principles of computer design. Topics include digital logic and digital systems, machine level representation of data, instruction sets, CPU implementation, memory system organization, I/O and communication, and assembly language programming.

**Prerequisite:** COSC 235 with a minimum grade of C.

**COSC 275. Introduction to Bioinformatics. 3 Hours.**

An introduction to the basic computational methods used to analyze biological data with an emphasis on algorithms used in genomics. Other topics may include methods for storage, retrieval, analysis, and display of biological data.

**Prerequisite:** BIO 212 with a minimum grade of D and COSC 235 with a minimum grade of D.

**COSC 280. Selected Topics in Computer Science. 1 to 4 Hours.**

A course in the study of selected topics in Computer Science at an intermediate level. It is intended for students who do not plan to major in Computer Science as well as for those who do. Specific topics vary from semester to semester. Permission of the instructor required.

**COSC 285. Selected Topics COSC. 3 Hours.**

Selected topics in Computer Science at the introductory or intermediate level.

**COSC 315. Computer Networks. 3 Hours.**

An introduction to computer networks including network architecture, communication protocols, algorithms, and network applications.

**Prerequisite:** COSC 350 with a minimum grade of D.

**COSC 320. Programming Languages. 3 Hours.**

A study of the concepts underlying high-level programming languages. Topics include variable binding, higher-order functions, closures, recursion, dynamic versus static typing, abstract types, and inheritance. A variety of programming language paradigms (procedural, functional, logical, object-oriented) are used to illustrate these concepts.

**Prerequisite:** COSC 350 with a minimum grade of C.

**COSC 330. Databases. 3 Hours.**

An introduction to database systems. Emphasis is placed on relational database modeling, integrity constraints, and query languages, with a focus on practical implementation and deployment of database solutions.

**Prerequisite:** COSC 350 with a minimum grade of C.

**COSC 335. Web Applications. 3 Hours.**

An introduction to the design and programming of web applications. Client-side scripting, website organization, responsive web design, server-side scripting, content management systems, web application frameworks, and security.

**Prerequisite:** COSC 350 with a minimum grade of C.

**COSC 340. Theory of Computation. 3 Hours.**

A study of formal models of computation such as finite state automata, push-down automata, context-free grammars, and Turing machines, along with the corresponding elements of formal languages. Other topics include computability, complexity, and NP-completeness.

**Prerequisite:** (COSC 240 with a minimum grade of D or MATH 260 with a minimum grade of D) and COSC 350 with a minimum grade of C.

**COSC 350. Data Structures & Algorithms. 3 Hours.**

An introduction to the fundamental data types of computing (including lists, stacks, queues, priority queues, sets, maps, trees, and graphs) and ways to implement them using arrays and linked structures. An introduction to algorithm analysis.

**Prerequisite:** COSC 235 with a minimum grade of C.

**COSC 351. Algorithm Design & Analysis. 3 Hours.**

A study of the design and analysis of algorithms for solving problems, including dynamic programming, divide-and-conquer algorithms, greedy algorithms, graph algorithms, and search algorithms. Evaluation of time-space trade-offs.

**Prerequisite:** (COSC 240 with a minimum grade of D or MATH 260 with a minimum grade of D) and COSC 350 with a minimum grade of C.

**COSC 360. Operating Systems. 3 Hours.**

A study of fundamental concepts applicable to a variety of operating systems. Topics include processes and threads, process coordination and synchronization, scheduling, interrupts, physical and virtual memory, device management, file systems, security and protection, communications, and networking.

**Prerequisite:** COSC 273 with a minimum grade of C and COSC 350 with a minimum grade of C.

**COSC 365. High Performance Computing. 3 Hours.**

An introduction to the concepts, tools, languages, and algorithms for solving complex problems on massively parallel and distributed computers. Topics include advanced computer architecture, performance and optimization, and the design, analysis, and implementation of applications using parallel programming languages and tools.

**Prerequisite:** COSC 273 with a minimum grade of C and COSC 350 with a minimum grade of C.

**COSC 375. Data Science. 3 Hours.**

A hands-on introduction to the field of Data Science with real-world applications. Topics include datasets, data visualization, interactive graphics, data wrangling, ethics, applied statistics, machine learning (supervised and unsupervised), databases, and big data. Students will also learn a programming language tailored for data analytics.

**Prerequisite:** COSC 235 with a minimum grade of C.

**COSC 410. Software Engineering. 3 Hours.**

A study of software engineering through the design and implementation of a significant software system. Emphasis is placed on professional practices such as testing, version control, code quality and documentation, and team process and interaction. Senior standing required.

**Prerequisite:** COSC 351 with a minimum grade of D.

**COSC 440. Artificial Intelligence. 3 Hours.**

Introduction to areas of artificial intelligence: intelligent agents, problem solving and search, planning, knowledge-based systems and inference, and learning.

**Prerequisite:** COSC 350 with a minimum grade of D.

**COSC 460. Computer & Network Security. 3 Hours.**

An introduction to computer security fundamentals: confidentiality, integrity, availability, authentication, and access control. Ethical hacking. Secret key and public key cryptography, network security protocols, and malware.

**Prerequisite:** COSC 350 with a minimum grade of D.

**COSC 470. Advanced Independent Study in Computer Science. 1 to 4 Hours.**

Independent study of selected topics in Computer Science at an advanced level. Specific topics vary from semester to semester. Permission of the instructor required.

**COSC 480. Advanced Topics in Computer Science. 1 to 4 Hours.**

A study of selected topics in Computer Science at an advanced level. Specific topics vary from semester to semester. Permission of the instructor required.

## Economics (ECO)

**ECO 201. Principles of Microeconomics. 3 Hours.**

An introduction to the economic way of thinking and a study of market processes.

**ECO 202. Principles of Macroeconomics. 3 Hours.**

An introductory course in the economic analysis of the determination of income, employment and inflation. It is recommended that Economics 201 be completed with a grade of C-minus or higher before attempting 202.

**ECO 280. Selected Topics in Economics. 1 to 4 Hours.**

Selected topics in Economics at the introductory or intermediate level.

**ECO 301. Intermediate Microeconomic Theory. 3 Hours.**

An intermediate-level course in the economic analysis of market processes.

**Prerequisite:** ECO 201 with a minimum grade of C- and (MATH 160 with a minimum grade of D or MATH 181 with a minimum grade of D).

**ECO 302. Intermediate Macroeconomic Theory. 3 Hours.**

An intermediate-level course in the economic analysis of the determination of income, employment, and inflation.

**Prerequisite:** ECO 201 with a minimum grade of C- and ECO 202 with a minimum grade of C-.

**ECO 310. Economics of Immigration. 3 Hours.**

The study the recent patterns of migration to Europe from Middle Eastern and North African countries. Economic theory and tools will be used to assess the economic, demographic, fiscal and labor market effects immigrants and refugees are having on the receiving countries. Theory and evidence on immigrants' and refugees' economic and social adaptation to their host countries will be analyzed. Successful completion of this course satisfies the Cultures & Peoples requirement for graduation. Writing intensive.

**ECO 311. Economic History of the United States. 3 Hours.**

A historical treatment of the economic development of America from colonial times to the present. Writing intensive.

**Prerequisite:** ECO 201 with a minimum grade of C- and ECO 202 with a minimum grade of C-.

**ECO 322. Money and Banking. 3 Hours.**

A study of the relationship between money and the level of economic activity, commercial and central banking, credit control under the Federal Reserve System, and the theory and objectives of monetary policy.

**Prerequisite:** ECO 201 with a minimum grade of C- and ECO 202 with a minimum grade of C-.

**ECO 332. Law and Economics. 3 Hours.**

An economic analysis of Anglo-American legal institutions with emphasis on the economic function of the law of property, contract, and torts. Writing Intensive.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 333. Environmental Economics. 3 Hours.**

The application of economic principles to explain the existence of environmental problems and to evaluate proposals for improving environmental amenities.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 334. Economics of Property Rights. 3 Hours.**

A study of private property rights, communal property, and open access resources from both an economic and legal perspective. Writing intensive.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 336. Economics of Native Americans. 3 Hours.**

A study of how American Indian institutions were shaped by their culture, traditions, environment, and changes in technology. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 338. Water: Law, Economics and Policy. 3 Hours.**

A study of the various political, legal and social institutions involved in mediating conflicting desires for water resources. Writing Intensive.

**ECO 340. Economics of Medical Care. 3 Hours.**

The application of economic theory to study the delivery of medical services in a managed care environment. Transactions between patients, medical care providers and third party payers will be examined to show how profits are made, costs are covered, and contracts are written. Writing intensive.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 341. Economics of Uncertainty & Information. 3 Hours.**

This course applies mathematical tools to microeconomic settings with uncertainty over outcomes or strategic interactions with asymmetric information. Specific applications will include, but are not limited to, insurance, financial markets, and the markets for health care and insurance.

**Prerequisite:** ECO 201 with a minimum grade of C- and (MATH 140 with a minimum grade of D or ECO 380 with a minimum grade of D) and (MATH 160 with a minimum grade of D or MATH 181 with a minimum grade of D).

**ECO 342. Economics of Public Policy. 3 Hours.**

Application of economic principles to determine the trade-offs, the direct and indirect effects, and the consequences-both intended and unintended-of public policies.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 344. Education & Inequality: A Socio-Economic Perspective. 3 Hours.**

A study of income inequality in the United States, the economics of education, and the relationship between education and income distributions. Writing intensive.

**Prerequisite:** ECO 201 with a minimum grade of D.

**ECO 345. Economics of Crime. 3 Hours.**

An overview of how economic theory can be applied to analyze the dynamics of criminal activities. Students will learn how to use economics to examine the costs of crime, the behavior of criminals and potential criminals, the markets for criminal behavior and the goods and services that are produced in them, organized crime v. disorganized crime, and the public policies aimed at dealing with crime. Current issues that will be discussed include: the death penalty, gun control, and the legalization of criminal activities such as drug use, prostitution and gambling.

**Prerequisite:** ECO 201 with a minimum grade of D.

**ECO 350. Behavioral Economics. 3 Hours.**

A theoretical and empirical analysis of the connection between economics and other behavioral sciences, usually with the use of laboratory and field experiments. The course is divided into two parts:

1) Individual Decision- Making, and 2) Behavioral Game Theory.

Applications range from analysis of self-control problems to the consequences of social preferences and cognitive limitations.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 362. Sports Economics. 3 Hours.**

This course offers an introduction to the application of economic theory and statistics to issues that arise in both professional and amateur sports. Some of the topics that will be covered in class are: competitive balance, the organization of teams, cooperative and competitive behavior, doping, statistical and psychological biases in sports, the market for franchises, sale and resale of tickets, and strategic behavior.

**Prerequisite:** ECO 201 with a minimum grade of D.

**ECO 372. Business Law. 3 Hours.**

A study of the contracts, uniform commercial code, and the legal environment of business.

**ECO 374. Due Process. 3 Hours.**

This course is designed to give the student an understanding of the legal concept of due process and how it has changed views of fairness in everyday life. Using the historical/legal background of due process, the student will apply those concepts to other situations and systems. Writing Intensive.

**Prerequisite:** ECO 372 with a minimum grade of D.

**ECO 380. Quantitative Critical Thinking. 3 Hours.**

This course discusses concepts from mathematics, statistics, economics, and psychology that are fundamental to the practice of quantitative critical thinking. The class focuses on the development of skills that contribute to the correct interpretation of quantitative arguments and facts that are frequently observed in our daily lives, and on quantitative results that tend to be counterintuitive to most people. Some of the topics discussed in this course are: measures of central tendency, probability theory, empirical methods in science, statistical significance and its limitations, and psychological biases associated with quantitative reasoning.

**ECO 390. Business in the Global Economy. 3 Hours.**

Employing the theory of the firm as the unifying theme, we discuss theories and concepts relevant to managing multinational corporations (MNCs). The nature of the global economy, more integrated, more prone to financial/economic crises, and more favorable for international business, is an integral part of the discussion. Through extensive review of case studies, MNCs emerge as driving forces of globalization.

**Prerequisite:** ECO 201 with a minimum grade of C and ECO 202 with a minimum grade of C.

**ECO 402. International Macroeconomics. 3 Hours.**

Survey of the forces that shape the U.S. international balance of payments. Impact of U.S. growth and U.S. inflation on domestic and foreign interest rates, imports, exports, the dollar's value in relation to foreign currencies, and the net flow of capital between the U.S. and other countries. Offered in the spring of even-numbered years.

**Prerequisite:** ECO 302 with a minimum grade of D.

**ECO 410. International Economics. 3 Hours.**

Studies the impact of specialization and exchange on human well-being; evaluates the winners and losers when the U.S. raises or reduces its tariffs; examines the broader sociopolitical debate over globalization, especially the conflicting perspectives on the effects of international trade on child labor and the fabric of so-called 'Third-World' cultures. Offered in the spring of odd-numbered years.

**Prerequisite:** ECO 301 with a minimum grade of D.

**ECO 412. Public Finance. 3 Hours.**

A theoretical and institutional analysis of government expenditure, taxation, and debt, including economic analysis of government decision making and the distributional effects of alternative tax and subsidy techniques. Writing Intensive.

**Prerequisite:** ECO 301 with a minimum grade of D.

**ECO 421. Economics of Regulation. 3 Hours.**

Economic tools are used to study the formation and impact of federal, state, and local regulations, including rules on industrial structure, prices, labor, consumer products, health, and the environment. Writing Intensive.

**Prerequisite:** ECO 301 with a minimum grade of D.

**ECO 422. Game Theory. 3 Hours.**

This course is an analytical tool to model strategic interactions that is widely used in economics, political science, biology, sociology, and psychology. The course is intended to provide an introduction to the main concepts and techniques of the field, and use them to investigate relevant economic phenomena, such as bargaining, auctions, the "prisoner's dilemma", the "tragedy of the commons", tacit collusion, competition among firms, and strategic interactions in labor, credit, and product markets.

**Prerequisite:** MATH 160 with a minimum grade of D or MATH 181 with a minimum grade of D.

**ECO 424. Advanced Game Theory. 3 Hours.**

Game Theory is an analytical tool that models strategic interactions. It is widely used in economics, political science, biology, sociology, and psychology. This advanced class is intended to provide a more rigorous introduction to the main concepts and techniques of the field. These techniques will be used to investigate relevant social phenomena, such as evolutionary games, auction theory, the "prisoner's dilemma," the "tragedy of the commons," tacit collusion, competition among firms, and strategic interactions in labor, credit, and product markets. The most important classes of games will be analyzed (zero-sum games, cooperation problems, coordination games, bayesian games, signaling games, etc.), as well as the most important solution concepts (rationalizability, nash equilibrium in pure and mixed strategies, bayesian nash equilibrium, and evolutionarily stable strategies). this course will also introduce students to the main techniques of game-theoretic mathematical modelling.

**Prerequisite:** MATH 210 with a minimum grade of D.

**ECO 432. Managerial Economics. 3 Hours.**

The application of economic analysis to the management problems of coordination, motivation, and incentives within organizations.

**Prerequisite:** ECO 301 with a minimum grade of D and (MATH 181 with a minimum grade of D or MATH 160 with a minimum grade of D).

**ECO 435. Econometrics. 3 Hours.**

An introduction to empirical methods based on linear regression models used in economics to investigate empirical questions. Students will utilize STATA, which is the most popular statistical software in the discipline.

**Prerequisite:** MATH 181 with a minimum grade of D and (MATH 140 with a minimum grade of D or ECO 380 with a minimum grade of D).

**ECO 439. Mathematical Economics. 3 Hours.**

A thoroughly interdisciplinary approach to mathematics and economics. Measures such as logarithms, derivatives, and integrals will be employed to interpret trends of phenomena such as consumer welfare, social costs, inflation, etc. The formulation of qualitative explanations (concise and simplified) of quantitative outcomes is the overarching objective of this course.

**Prerequisite:** MATH 160 with a minimum grade of C or MATH 181 with a minimum grade of C.

**ECO 440. History of Economic Thought. 3 Hours.**

A study of the evolution of economic analysis, including a brief survey of the economic ideas of Aristotle, the scholastics, mercantilists, and physiocrats, and a more detailed study of the economic analysis of the classicists, Marxists, marginalists, and Keynesians.

**Prerequisite:** ECO 201 with a minimum grade of C- and ECO 202 with a minimum grade of C-.

**ECO 441. Comparative Economic Systems. 3 Hours.**

Contrasts the nature and characteristics of a free-market economy against the centrally-orchestrated mechanisms of managed economies such as socialism/communism, fascism, and the so-called 'crony mercantalism' that prevails in most of modern-day Africa, Latin America, and the Middle East. Writing intensive. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** ECO 201 with a minimum grade of C-.

**ECO 450. Senior Seminar. 4 Hours.**

A capstone course required of all students in their last year of study completing the major in Business Economics or Economics. Microeconomic and macroeconomic case studies are used to reinforce and evaluate the student's understanding of the economic way of thinking.

**ECO 460. Labor Economics. 3 Hours.**

Students will learn to apply the tools of microeconomic analysis to labor markets and labor market outcomes. The course begins with a neo-classical overview covering labor supply, demand, and equilibrium determination of employment and wages. More advanced topics include wage differentials, investments in human capital, and incentive pay. The final section of the course covers frictions that impact the functioning of the labor market such as mobility, search costs, unions, and regulations. Writing Intensive.

**Prerequisite:** ECO 301 with a minimum grade of D.

**ECO 470. Independent Study. 1 to 3 Hours.**

Study of a specific topic in economics under the direction of a departmental faculty member. The readings, program of research, and written work to be undertaken by the student will be determined in consultation with the instructor.

**ECO 480. Advanced Topics in Economics. 1 to 4 Hours.**

Selected topics in Economics at the advanced level. Topics vary from year to year.

**Prerequisite:** ECO 201 with a minimum grade of C- and ECO 202 with a minimum grade of C-.

**ECO 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Education (EDUC)

**EDUC 200. Foundations of Education. 3 Hours.**

This course is a study of the purposes, background, and organization of education in the United States. The development of the American education system is traced from its beginnings to the present day with emphasis placed on major developments influencing the school in modern society. The various philosophies of education will be considered. Significant social issues that impact education will be discussed and evaluated. To be taken in the sophomore year. Offered every semester.



**EDUC 210. Curriculum Classics and American Educational Policy. 3 Hours.**

This course enables students to make meaningful and relevant connections between the big picture of American history and the impact that history has had on the development of American educational institutions and the curriculum and course offerings required of citizens who have been enabled to live in and contribute to our democratic way of life. Particular emphasis is given to the classic literature in American education and curriculum from the ideas and writings of the founders to contemporary trends and issues in American education.

**Prerequisite:** EDUC 200 with a minimum grade of D.

**EDUC 220. Teaching Diverse Student Populations. 3 Hours.**

This course focuses on the increasing diversity found in today's schools. It is designed to help prepare teacher candidates to teach and work with four groups of students: students with special needs, gifted and talented learners, students from diverse cultural backgrounds, and students who are linguistically diverse. The course provides practical strategies for adapting instruction to meet the learning needs of diverse students. Offered every semester.

**Prerequisite:** EDUC 200 with a minimum grade of D.

**EDUC 280. Selected Topics in Education. 1 to 4 Hours.**

Selected topics in Education at the introductory or intermediate levels.

**Prerequisite:** EDUC 200 with a minimum grade of D.

**EDUC 310. Foundations of Literacy. 3 Hours.**

Designed to help students understand the theoretical and evidence-based foundations of the reading and writing processes in instruction. Students will examine how to support the creation of a classroom environment that fosters reading and writing by integrating foundational knowledge, instructional practices, approaches and methods, curriculum materials, and the appropriate selection and use of assessments in reading and writing. This course has a required field experience of 10 hours. The students will spend time in actual classrooms observing literacy methods and lessons, as well as implementing the instructional strategies introduced in this course.

**Prerequisite:** EDUC 200 with a minimum grade of D.

**EDUC 320. Human Growth & Development: A Life Span Approach. 3 Hours.**

This is a survey course designed to acquaint teacher candidates and others with basic knowledge of the principles of life-long growth and development. Course content addresses the various patterns of physical, cognitive, social, and emotional growth throughout life. The developmental characteristics and challenges of infants, children, youth and adults and how each developmental period is lived are also studied. Those who complete this course will have a thorough understanding of the life-span perspective as an integrative approach to development. Offered spring semester.

**EDUC 330. Educational Psychology. 3 Hours.**

Psychology of learning, learning theories, and stages of development as applied to the learner in the classroom. Attention is given to research into learning problems, management and assessment of learning, and the least restrictive environment for exceptional learners. Integration of career guidance and career planning in grades 9-12 is included. Offered fall semester.

**Prerequisite:** EDUC 200 with a minimum grade of D.

**EDUC 340. Teaching of Reading. 3 Hours.**

Course content includes a survey of techniques, strategies, and materials which facilitate secondary students' reading and study skills in content-area classrooms. Attention is focused on understanding reading difficulties experienced by high school students and the development of prescriptive instructional activities. A 10-hour field experience is included.

**Prerequisite:** EDUC 220 with a minimum grade of D and EDUC 310 with a minimum grade of D and EDUC 320 with a minimum grade of D and EDUC 330 with a minimum grade of D.

**EDUC 380. Special Topics. 1 to 4 Hours.**

Seminars on selected topics in Education offered on an occasional basis.

**EDUC 420. Instructional Methods. 3 Hours.**

A course designed to provide teacher candidates with information and experiences to develop a broad view and understanding of the roles, responsibilities, and instructional methods of secondary teachers. Teacher candidates will be introduced to general and specific instructional strategies, methods, planning techniques, teaching resources, and technology for use in secondary classrooms. They will also be provided opportunities to further refine their philosophy of education, their understanding of the learning process, their knowledge of how to assist students in building self-esteem and confidence, and their skills in communications with students, teaching colleagues, school administrators, and parents. The ADEPT process will be introduced and discussed. Study of learning theories, current research on effective teaching, and the development of curriculum products to support effective teaching will be included. Conferencing with secondary students, teachers, administrators, and parents will be addressed, as will classroom management techniques. Attention will also be given to teaching students with special needs in the regular classroom. This course has a required field experience of 15 semester hours. Offered fall semester.

**Prerequisite:** EDUC 340 with a minimum grade of D.

**EDUC 430. Education Seminar and Field Experience. 3 Hours.**

Take part in teaching in a real classroom. Students will participate in an 80-hour field experience and on-campus seminars that reinforce theoretical content with practical experiences. This course is offered during Interim and required for all students earning a minor in education.

**Prerequisite:** EDUC 420 with a minimum grade of D.

**EDUC 480. Advanced Topics in Education. 1 to 4 Hours.**

Study of selected pertinent topics in education at the advanced level.

**Prerequisite:** EDUC 200 with a minimum grade of D.

## English (ENGL)

**ENGL 101. College Composition. 3 Hours.**

An introduction to basic composition, including a review of mechanics, sentence patterns and basic usage, in order to master writing expository prose across the curriculum.

**ENGL 102. Seminar in Literature and Composition. 3 Hours.**

An in-depth study of some topic in literature. Reading and discussion lead to written work and independent investigation. Objectives are to read critically, think analytically, and communicate effectively. Students are required to write several papers, one of which includes documentation. The course should be taken in the freshman year.

**Prerequisite:** HUM 101 with a minimum grade of D or ENGL 101 with a minimum grade of D.

**ENGL 200. Introduction to Literary Study. 3 Hours.**

A study of the genres of fiction, poetry, and/or drama designed to develop the student's ability to read literature with sensitivity and understanding and with a sense of literary tradition. Emphasis is on close reading of works from a variety of critical perspectives.

**Prerequisite:** (ENGL 101 with a minimum grade of D or HUM 101 with a minimum grade of D) and ENGL 102 with a minimum grade of D.

**ENGL 201. English Literature to 1800. 3 Hours.**

A study of works representative of the major writers and periods from the Middle Ages through the 18th century, with emphasis on critical understanding of these works and on the influences that produced them.

**Prerequisite:** (ENGL 101 with a minimum grade of D or HUM 101 with a minimum grade of D) and ENGL 102 with a minimum grade of D.

**ENGL 202. English Literature Since 1800. 3 Hours.**

A study of works representative of the major writers and periods from the Romantic movement to the present, with emphasis on critical understanding of these works and on the influences that produced them.

**Prerequisite:** (ENGL 101 with a minimum grade of D or HUM 101 with a minimum grade of D) and ENGL 102 with a minimum grade of D.

**ENGL 203. Survey of American Literature. 3 Hours.**

A study of works representative of major American writers from the Colonial Period to the present, with emphasis on critical understanding of these works and on the influences that produced them.

**Prerequisite:** (ENGL 101 with a minimum grade of D or HUM 101 with a minimum grade of D) and ENGL 102 with a minimum grade of D.

**ENGL 204. Survey of World Literature. 3 Hours.**

A survey of literary texts from locales around the globe (outside Britain and the United States). Readings will include short stories, poems, and a few select novels spanning Asia, South Asia, South America, Africa, the Caribbean, the Middle East, and Europe. Authors will range from prize-winning world figures such as Salman Rushdie and Anita Desai to writers who less known internationally, but equally important in their national literary histories. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** (ENGL 101 with a minimum grade of D or HUM 101 with a minimum grade of D) and ENGL 102 with a minimum grade of D.

**ENGL 205. Introduction to the Study of Film. 3 Hours.**

An introduction to the study of film as a technology, industry, cultural artifact, and art form. Students will learn how to analyze visual texts, employing formal elements, such as editing, camera work, and sound, and exploring the different ways these techniques have been employed by filmmakers in Hollywood and across the globe.

**Prerequisite:** (ENGL 101 with a minimum grade of D or HUM 101 with a minimum grade of D) and ENGL 102 with a minimum grade of D.

**ENGL 206. Survey of African American Literature. 3 Hours.**

A survey of literary works by African American writers and artists from the twentieth century to the present with emphasis on the critical understanding of these works and the influences that produced them. Central themes include: systemic, institutional, familial, and communal structures of racism, oppression, and liberation.

**Prerequisite:** ENGL 102 with a minimum grade of D.

**ENGL 260. Introduction to English Studies. 3 Hours.**

An introduction to the methods and methodologies of advanced English studies, including an exploration of the discipline's reading and writing genres, the variety of its research methods, and some of its theoretical frameworks.

**Prerequisite:** (ENGL 101 with a minimum grade of D or HUM 101 with a minimum grade of D) and ENGL 102 with a minimum grade of D.

**ENGL 280. Selected Topics in Literature. 1 to 4 Hours.**

Selected topics in literature at the introductory or intermediate level.

**Prerequisite:** ENGL 102 with a minimum grade of D.

**ENGL 290. Selected Topics in Communication Studies. 1 to 4 Hours.**

Selected topics in Communication Studies at the introductory or intermediate level.

**Prerequisite:** ENGL 102 with a minimum grade of D.

**ENGL 301. British Medieval Literature. 3 Hours.**

A study of British literature from 800 to 1450, excluding Chaucer. Works studied include Beowulf, Sir Gawain and the Green Knight, and Malory's Morte d'Arthur. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 302. Chaucer. 3 Hours.**

A study of Chaucer's major poetry, with some attention to medieval language and culture. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 303. English Renaissance Drama. 3 Hours.**

A study of English Renaissance drama (excluding Shakespeare) including authors such as Jonson, Marlowe and Webster. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 304. Spenser, Milton and the Renaissance Epic. 3 Hours.**

A study of the three great epics of the English Renaissance: Spenser's Faerie Queen, Milton's Paradise Lost, and Milton's Paradise Regained. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 305. Shakespeare's Comedies and Histories. 3 Hours.**

A study of Shakespeare's comedies and histories. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 306. Shakespeare's Tragedies and Romances. 3 Hours.**

A study of Shakespeare's tragedies and romances. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 307. English Renaissance Poetry. 3 Hours.**

A study of important works of poetry from the 16th and 17th centuries, including such authors as Wyatt, Raleigh, Ben Jonson, Donne, and Marvell. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 310. Arthurian Literature, 500-1800 CE. 3 Hours.**

A study of Arthurian literature written in the British Isles between 500 and 1800 CE, including works by Geoffrey of Monmouth, Layamon, Marie De France, Spenser, Johnson and Fielding. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 311. The English Romantic Period. 3 Hours.**

A study of English Romanticism with an emphasis on the poetry of Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 312. The Victorian Period. 3 Hours.**

A study of representative literature of the Victorian age, with emphasis on the poetry of Tennyson, Browning, Arnold, and the pre-Raphaelites. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 316. Contemporary British Literature. 3 Hours.**

A study of British literature after World War II, including poetry, fiction, and drama, with emphasis on the cultural and historical context. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 320. African American Literature. 3 Hours.**

This course intends to study in some depth a selection of African American writing from the twentieth century. Questions of origins, conceptual models, and the constitution of African American culture will be addressed. Readings will stress the diversity and multiplicity of African American literature. Successful completion of this course satisfied the Cultures and Peoples requirement for graduation. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 321. American Literature Pre-Civil War. 3 Hours.**

American literature up to the Civil War. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 322. American Literature Post Civil War. 3 Hours.**

American literature from the Civil War to World War II. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 323. Southern Literature. 3 Hours.**

A study of major Southern authors of the 20th century, with emphasis on the literature as an expression of Southern culture. Authors include the Agrarians, Faulkner, Warren, O'Connor, Welty, and Dickey. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 324. American Ethnic Literature. 3 Hours.**

Selected readings across four centuries of ethnic American writing, with emphasis on the historical and cultural context of each text. Writings include Native American creation stories, slave narratives, urban immigrant fiction, Black revolutionary poetry and plays, and Hispanic and Asian American narratives. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 326. Contemporary American Fiction. 3 Hours.**

American fiction after World War II. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 327. Contemporary American Poetry. 3 Hours.**

American poetry after World War II. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 328. Contemporary Drama. 3 Hours.**

Drama after World War II, including Beckett, the Modernists, and the Post-Modernists. Cross-listed with THEA 328. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 329. Rhetoric, Writing and Race. 3 Hours.**

An introduction to the intersections among rhetoric, writing, and race with a focus on works by Indigenous, Black, and Latinx people. Explore the ways that rhetoric and writing have shaped and argued about race. The basic concepts of rhetorical analysis will be utilized to examine and research a variety of texts to comprehend how the power of discourse and thinking about race has dominated the policies of the U.S. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 330. Black Arts Movement. 3 Hours.**

A study of the close ties between art and politics in the Black Arts and Black Power movements of the mid-to-late 1960's. Writings taken from African-American literature including poetry, fiction, plays, manifestoes, and performance pieces that came out of the Black Arts movement. Readings supplemented with films, FBI documents, and popular news magazines. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 335. Picaresque Narratives. 3 Hours.**

A study of the history and development of literature in the picaresque genre from its origins in 16th-century Spain to its use by contemporary writers. Representative works are drawn from various periods (the 16th through the 21st centuries), nations (Spain, Germany, Britain, the United States, and West Africa), and forms (novels and films). Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 336. Early European Masterpieces. 3 Hours.**

A study of selected masterpieces from the European tradition, including such writers as Homer, Rabelais, Dante, and Cervantes. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 337. Later European Masterpieces. 3 Hours.**

A study of selected masterpieces from the European tradition, including such writers as Moliere, Goethe, Ibsen, Flaubert, and Dostoyevsky. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 338. Early Women Writers. 3 Hours.**

A study of the works of women writers of poetry, drama, fiction and non-fiction prose from Antiquity through the Renaissance, including the works of writers such as Sappho, Hildegard von Bingen, Marie de France, Gaspara Stampa and Aphra Behn. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 339. Race, Gender, and Empire. 3 Hours.**

A study of world literature (from Africa, India, Sri Lanka, South America, and the Middle East) as well as the shifting debates about postcoloniality and imperialism. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 340. African Literature. 3 Hours.**

Explores African writers from the 20th and 21st centuries, including Wole Soyinka, Zakes Mda, and Zoe Wicombe. While investigating how African writers have responded to the West's history of overtly sexualized and romanticized discourses on Africa, the course will explore several common thematic strands in African Literature, including: colonialism and African nationalisms, the relationship between gender/race and nation, the politics of food, AIDS, and language innovation. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 341. Literary Theory. 3 Hours.**

A survey of criticism and theory, introducing students to various methods of reading and evaluating literary texts. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 342. Contemporary English Grammar & Usage. 3 Hours.**

A study of predominant theories of English grammar and issues related to the English language. In addition to theories of grammar, topics will include language varieties, dialects, orality, and literacy. Required for licensure as a teacher of English. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 343. History of the English Language. 3 Hours.**

A study of the origins and development of the English language emphasizing both structural and social linguistics. In addition to studying the history and sources of change in the English language, this course will consider changes taking place within contemporary English. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 344. Adolescent Literature. 3 Hours.**

Principles for selection of works of literature appropriate for study at various levels in secondary schools; methods of teaching such works, including use of various media; and analytical discussion of specific works from major genres. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 345. Literature & Gender Theory. 3 Hours.**

A study of gender theory and the application of the theory to a variety of texts. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 346. American Political Rhetoric. 3 Hours.**

A survey of the history of political rhetoric in the United States and a study of the methodology of rhetorical analysis, including its application to past, and especially, current political debates. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 347. Visual Rhetoric. 3 Hours.**

An exploration the ways in which images and visual elements of design can be read, analyzed, constructed, and manipulated, interrogating how images and visual design inform our reading of historical and political events, of personal identity, of public and private spaces. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 350. Digital Media Theory. 3 Hours.**

A survey of the historical development of digital media as it informs theoretical approaches to the study of mediums such as the Internet, social networks, videogames, electronic literature, and mobile devices. Introduces students to the critical analysis and production of digital media texts within a historical continuum. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 371. Short Story Workshop. 3 Hours.**

A creative writing course focusing on the writing of short stories. Students read manuscripts in class and meet with instructor for individual conferences. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 373. Poetry Workshop. 3 Hours.**

A creative writing course focusing on the writing of poetry. Students read manuscripts in class and meet with instructor for individual conferences. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 375. The Art of Personal Essay. 3 Hours.**

A creative writing course focusing on personal essays. Students write and revise at least six personal essays and discuss assigned readings, student essays, and essays by visiting writers. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 376. Playwriting Workshop. 3 Hours.**

A course in creative writing focusing on plays. Cross-listed with THEA 376. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 377. Digital Filmmaking. 3 Hours.**

This film workshop will give students the tools to transform a written text or script to the screen. Students will learn how to tell a story visually, focusing specifically on the director's work with the script, the staging of actors, and the use of the camera as narrator. This course also serves as a general introduction to the elements of film language, grammar, and style. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 378. Novella Workshop. 3 Hours.**

An advanced course in creative writing in which each student will write an original novella. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 379. Screenwriting Workshop. 3 Hours.**

In this course, students will learn the basic principles of visual storytelling: dramatic conflict, action, structure, plot, character, and dialogue. They will read texts about screenwriting, view narrative feature films, pitch a story idea to the class, develop a scene-by-scene outline of their stories, and write, workshop, and revise the first and second acts of their screenplays. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 380. Selected Topics in English. 1 to 4 Hours.**

An examination of a particular topic, theme, media, through various texts and documentation methods. Specific content varies from semester to semester. Students should consult the department as to how a specific offering to the major in English.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 385. Composition & Rhetoric. 3 Hours.**

An advanced composition course in which students study a wide variety of essays from different disciplines and write for a variety of purposes. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 387. Business and Professional Writing. 3 Hours.**

A practical course in writing and analyzing reports, instructions, letters, memoranda, and other material typical of business, industry, and the professions.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 388. Public Speaking. 3 Hours.**

An introduction. Students are expected to prepare and deliver various types of speeches. Category F.

**ENGL 400. Communications in Community. 1 to 3 Hours.**

A practicum designed to allow students to apply communication skills in a community setting under the direction of an on-site supervisor and a communication instructor. A student may earn a maximum of six semester hours in 400 courses. Permission of instructor required.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 401. Old English. 3 Hours.**

An introduction to the language of Old English. Students will build basic skills in Old English vocabulary, grammar, and syntax, along with a beginning knowledge of Anglo-Saxon history, literature and culture. Students will acquire basic skills in pronouncing, parsing, translating, and interpreting Old English poetry and prose. Category A.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 411. Restoration and 18th Century British Drama. 3 Hours.**

A study of a variety of plays written and performed in Britain between 1660 and 1800 with particular emphasis placed on comedies. Dramatists studied are likely to include George Etherege, John Dryden, Aphra Behn, Susanna Centlivre, Oliver Goldsmith, and Elizabeth Inchbald. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 412. Restoration and 18th Century Prose and Poetry. 3 Hours.**

A study of important works from the literature of the period, selected from satire (poetry and prose), essays, lyrics, and biographies. The chief authors studied will be Dryden, Swift, Pope, Gray, Johnson, Behn, Fielding, and Gay. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 413. The Early English Novel. 3 Hours.**

A study of representative British novels of the 18th century and the Romantic period, including works by Defoe, Fielding, Austen, and Shelley. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 414. The Later English Novel. 3 Hours.**

A study of major novels of the Victorian and modern periods, including works by Dickens, Eliot, Hardy, and Woolf. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 415. The Modern Novel. 3 Hours.**

A study of selected American and British modernist novels, including works by Joyce, Woolf, and Hemingway. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 416. Modern Poetry. 3 Hours.**

A study of representative American and British poetry from the first half of the 20th century, focusing on such modernists as Yeats, Eliot, Pound, Frost, and Stevens. Category B.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 420. 20th Century Am. Short Story. 3 Hours.**

A survey of American short stories, with emphasis on post World War II fiction. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 422. Native American Literature. 3 Hours.**

A study of the works of Native American writers of poetry, drama, fiction and nonfiction prose. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 424. African American Drama. 3 Hours.**

Focuses on the creation of African American identity on the American stage from the early 19th century through the present. Students will read Baraka, Kennedy, Wilson, Parks, Hughes, etc. as well as engage with issues of race, literature, performance, and authorship in class discussion, written work and oral presentations. Cross-listed with THEA 424. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 425. American Theatre & Drama. 3 Hours.**

The theatrical history of the United States is older than the nation itself. From Robert Hunter's satire *Androboros* (1714), the earliest printed American play, and Thomas Godfrey's tragedy *The Prince of Parthia* (1765), the first American play professionally performed on an American stage, to George Aiken's stage adaptation of *Uncle Tom's Cabin*, one of the most popular works of its period in both America and Europe, pre-twentieth century American drama is a complex and compelling topic. This class will address ideas and issues of nationhood, the frontier, American identity, race and race relations, and popular and high culture. Cross-listed with THEA 425. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 426. 19th Century American Poetry. 3 Hours.**

A study of canonical and popular poets of the American nineteenth century. Students will read poems by Edgar Allen Poe, Lydia Sigourney, Walt Whitman, Emily Dickinson, Herman Melville, Henry Wadsworth Longfellow, Frances E.W. Harper, and Stephen Crane as well as historical essays and literary criticism. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 427. Queer Black Literature. 3 Hours.**

An inquiry into lesbian, bisexual, transgender and gay literature written by Black authors in the 20th and 21st centuries. Special emphasis will be placed on historical context, formations of non-normative personal and cultural identities, and the concepts of queering and eroticizing aesthetic production and political activism.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 428. Slave Narratives as Resistance. 3 Hours.**

Exploration of slave narratives written (or dictated) from the late 18th century to the 1860s. Texts will examine how slave narratives served as crucial Black cultural and literary genres that interrogated, challenged and resisted antebellum racist and white supremacist discourses. Category C.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 433. Modern Drama. 3 Hours.**

A study of the work of late 19th to mid-20th century European and American dramatists. Authors include Ibsen, Chekhov, Strindberg, Pirandello, Brecht, Beckett, O'Neill, Miller, and Williams. Cross-listed with THEA 433. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 435. Global Digital Cultures. 3 Hours.**

A survey of the role of digital media in non-Western cultures, including immigrant communities within the United States. Readings and screenings will explore the use of social media in activist movements in the Middle East and North Africa, media arts in Japan and Korea, network culture in China and Africa, and changing representations of global citizenship within the United States. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 436. Literature & Human Rights. 3 Hours.**

An introduction to literary representations of collective atrocity and human rights campaigns - from genocide to environmental disasters. Course readings will have a global context, spanning Poland, Rwanda, South Africa, Argentina, Sudan, Chile, Cambodia, Dominican Republic and Sri Lanka. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 437. Selected Topics in World Literature. 3 Hours.**

An introduction to world literature from Africa, Asia, the Caribbean, and South America. Students will read short stories and novels from major voices in world literature which may include: Ngugi Wa Thiong'o, Jorge Luis Borges, Arundhati Roy, Salman Rushdie, and Gabriel Garcia Marquez. The course will be structured around a specific theme and may focus on aspects such as: short stories, "southernness," visual images in literature, etc. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 438. Greek & Roman Drama. 3 Hours.**

Selected Greek and Roman comedies and tragedies will be read in translation. The course will concentrate on the thematic, philosophical, and religious aspects of ancient drama. Cross-listed with THEA 438. Category D.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 445. Sexuality in Film. 3 Hours.**

What is sexuality? Is it a feeling, gender, practice, activity, behavior, orientation, or way of life? Why is sexuality so difficult to pin down, and at the same time, how has it come to signify something that is central to our sense of self? In this interdisciplinary course, we will explore theories of sexuality in relation to cinematic representations and consider how film theorists have responded to questions of gender and sexuality. This course will also serve as a broad introduction to the study of film. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 446. Screen Surveillance: Film, Television and Social Media. 3 Hours.**

A study of how film, television and social media engage us in practices of seeing. Students will learn how to analyze visual texts and relate theories of spectatorship and identity to questions about surveillance (re: national security, civil liberties, privacy and social control). They will explore how the act of seeing might inform the construction of self and other, desire and power. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 447. Digital Literature. 3 Hours.**

This course is a study of the literature produced within digital platforms, popularly known as "electronic literature," as well as an exploration of how computing technology informs contemporary modes of reading and writing. Category E.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 451. Film & Digital Media Capstone. 3 Hours.**

The capstone gives students the opportunity to create research or production projects of their own design. Synthesizing the knowledge and technical skills gained in their coursework and internships, students will work with an instructor to pursue a project in film and/or digital media history, theory, or production.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 470. Independent Study. 1 to 3 Hours.**

Directed independent study in an area of student interest. Projects should be approved by the instructor by midterm of the semester prior to the semester in which the work is to be undertaken. After approval of the topic, the student is expected to engage in general bibliographical study, to participate in conferences with the instructor, to report on reading, and to write papers as directed by the instructor. Only one independent study may be counted toward the major.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 471. Advanced Short Story Workshop. 3 Hours.**

An advanced course in creative writing in which each student will write original short stories. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 473. Advanced Poetry Workshop. 3 Hours.**

An advanced course in creative writing, culminating in the publication of poetry chapbooks. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 474. Writing in Digital Environments. 3 Hours.**

An introductory overview of rhetorical strategies for reading and composing in digital spaces (i.e. use of images, colors, shapes, sounds, fonts, and textures) to create arguments in multiple media, as well as how to recognize, analyze, and adhere to the genre conventions and technical affordances of digital environments. Students will compose content that is audience-specific, concise, and rhetorically effective, keeping in mind the particulars of interactivity and design in digital composition. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 476. Advanced Playwriting Workshop. 3 Hours.**

This film workshop will give students the tools to transform a written text or script to the screen. Students will learn how to tell a story visually, focusing specifically on the director's work with the script, the staging of actors, and the use of the camera as narrator. This course also serves as a general introduction to the elements of film language, grammar, and style. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 477. Advanced Digital Filmmaking. 3 Hours.**

Students will learn how to tell a story using a camera. They will gain a greater understanding of cinematography, camerawork, blocking, storyboarding, directing actors, and editing. Throughout the semester, they will shoot, direct, and edit two 5-7 minute short films and one longer 10-15 minute short film. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 479. Advanced Screenwriting Workshop. 3 Hours.**

In this course, students will master the principles of dramatic, visual storytelling. They will read original screenplays, texts about screenwriting, view narrative feature films, and write, workshop, and revise an original, feature screenplay of their own. Students may also choose to employ the screenwriting principles they've learned to write two original pilot episodes of a television or web series. Category F.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 480. Advanced Topics in Literature. 1 to 4 Hours.**

A seminar intended for advanced-level students majoring in English. Topics vary from year to year.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 481. Special Topics in English. 3 Hours.**

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 490. Advanced Topics in Communication Studies. 1 to 4 Hours.**

Selected topics in Communication Studies at the advanced level.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**ENGL 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Environmental Studies (ENVS)

**ENVS 101. Introductory Seminar in Environmental Studies (with lab). 4 Hours.**

This foundational seminar introduces students to interdisciplinary approaches in contemporary environmental issues. The seminar considers key environmental issues, bringing cultural, scientific, historical, political, social, and economic perspectives to bear on each. The course is arranged thematically, with units on topics such as tropical deforestation, global warming, energy use, and resource depletion. This course will also investigate local environmental issues, study relevant scientific findings, explore the interactions of human communities with non-human nature, and probe the ecological, cultural, and ethical implications of these interactions.

**ENVS 103. Environmental Studies: Science in Context. 3 Hours.**

Students will explore the features that make science an important way of understanding the natural world. This exploration will focus on science-based topics and issues important in our contemporary world.

**ENVS 150. Introduction to Earth System Science (with lab). 4 Hours.**

Students will develop knowledge of Earth system components -- atmosphere, hydrosphere, lithosphere, biosphere, and exosphere -- with emphasis on their connections and interactions. They will use and integrate approaches of disciplinary sciences and mathematics to investigate physical and behavioral properties of Earth system components, as well as considering the human and social context (anthroposphere) in which environmental problems develop as the system is stressed. Students will develop skills in observation, investigation, analysis, team interaction and communication through field and laboratory experiences.

**ENVS 160. Introduction to Sustainability Science (with lab). 4 Hours.**

Examination of the dynamic interactions between social and ecological systems. Students are introduced to theories, concepts, analytical frameworks, and research designs that develop their understanding of the dynamic relationships between complex social and environmental systems. Students will develop a solutions-oriented understanding of sustainability issues and be empowered to take actions toward sustainability by focusing on campus systems. The course introduces basic quantitative analysis methods and builds these skills by investigating the sustainability of campus systems (e.g., energy, food system, grounds, waste management).

**ENVS 201. Introduction to Environmental Social Science. 3 Hours.**

Environmental Social Science is an interdisciplinary and cross-cultural investigation into the impact of society on the environment and the environment's impact on society. The class will be organized around case studies from Asia, Oceania, Africa, Europe and the Americas. It will look at local, national and international environmental issues ranging from the ecological toll of regional industries and agricultural practices to the environmental costs of economic globalization, from water pollution and soil depletion in communities to global warming.

**Prerequisite:** ENVS 101 with a minimum grade of D.

**ENVS 202. Introduction to Environmental Humanities. 3 Hours.**

This course is an introduction to the interdisciplinary study of environmental issues in the humanities, including philosophy, art history, literature, film, history and religion. Through the study of the ways in which the environment is represented in literature, art, and film, we will attempt to understand the central role that human environmental perceptions have played and continue to play in creation of both sustainable and unsustainable relations with nature.

**Prerequisite:** ENVS 101 with a minimum grade of D.

**ENVS 203. Introduction to Environmental Science (with lab). 4 Hours.**

This course will be an introduction to the application of the scientific method to the study of the environment. It will focus on the interdependence of ecological systems, the sources of energy and cycles of resources in a variety of environments, and the forces affecting environmental change.

**Prerequisite:** ENVS 101 with a minimum grade of D.

**ENVS 280. Selected Topics in Environmental Studies. 0 to 4 Hours.**

Selected topics in Environmental Studies at the introductory or intermediate level.

**ENVS 312. Problems in US Environmental Policy. 3 Hours.**

Engage with the major problems of environmental politics and policy in the United States, study the approaches that have been and are being used to deal with these problems, and assess the effectiveness of these approaches. Explore public policy structures and concepts, and discuss how their application impacts environmental quality. Gain an understanding of American environmental issues, the American political and policy system, and what possibilities lie ahead in American environmental policy.

**Prerequisite:** ENVS 201 with a minimum grade of D or GOV 202 with a minimum grade of D.

**ENVS 313. Sustainable Food Systems. 3 Hours.**

An overview of the US food system while focusing on interrelationships with the environment, society, public health, and equity, this course will examine the major driving forces shaping our modern US food system and possible alternatives. Through a semester-long project, students will contribute to a community-wide effort by collecting original data for the Spartanburg Food Policy Council Food System Assessment and Plan.

**Prerequisite:** ENVS 101 with a minimum grade of D or ENVS 150 with a minimum grade of D.

**ENVS 317. US Environmental History. 3 Hours.**

An overview of environmental history, focusing on the United States analyzing how Americans have shaped nature and been shaped by nature and how this relationship has changed over time. Students will engage with key historical themes and perspectives, their roles in various eras of American history, and how they have shaped the world in which we now live. Required readings will support the understanding of different interpretations of historic events and environmental problems.

**Prerequisite:** ENVS 201 with a minimum grade of D.

**ENVS 320. Field Experience: Environmental Humanities & Social Sciences. 1 Hour.**

Conjoining two focus courses in Environmental Studies into a learning community, this course engages students with central issues in American environmental history and literature. The learning community will embrace multiple perspectives on literature and the environment and examine how themes have changed and endured over time. It includes a weekly day-long field experience through various locales in the Carolinas.

**Prerequisite:** ENVS 201 with a minimum grade of D and ENVS 202 with a minimum grade of D.

**Corequisite:** ENVS 317 AND ENVS 327.

**ENVS 326. Introduction to Environmental and Nature Writing. 3 Hours.**

Serves as an introduction to the canon of American environmental/nature writing and will also develop in beginning students the practice of reflective writing. The course will introduce a familiarity with common themes, motifs, and characteristics of the genre. Readings will include short excerpts and a detailed study of a book-length work of environmental/nature writing.

**Prerequisite:** ENVS 101 with a minimum grade of D.

**ENVS 327. Major Themes in Environmental Writing. 3 Hours.**

This course examines major themes/metaphors (such as ecology, holiness, food chains etc.) in full texts from the important texts in the tradition of environmental writing.

**Prerequisite:** ENVS 202 with a minimum grade of D.

**ENVS 330. Art & Earth: Materials, Processes, and Perceptions (with lab). 4 Hours.**

Students will learn about geological and botanical origins of art materials through lecture, experimentation, and field experiences. Perceptions of nature will be addressed through review of artistic works. Students will present an artistic work of their own in a public forum.

**Prerequisite:** ENVS 203 with a minimum grade of D.

**ENVS 332. Hydrology & Water Resources (with lab). 4 Hours.**

A survey of water resource sciences including introductions to surface water (hydrology), ground water (hydrogeology), aquatic chemistry, and fresh water ecology. Use of quantitative models to describe and predict surface and ground water flow. Field and laboratory investigation of water distribution and quality.

**Prerequisite:** ENVS 203 with a minimum grade of D.

**ENVS 333. Environmental Geology (with lab). 4 Hours.**

The application of geological principles to understanding and solving problems associated with environment. Major environmental problems are associated with humankind's relationships with mineral and energy resources, water resources and geologic hazards. Laboratories will focus on small-scale research projects and field investigations.

**Prerequisite:** ENVS 203 with a minimum grade of D.

**ENVS 334. Theory & Practice of Sustainable Agriculture (with lab). 4 Hours.**

This course is dedicated to understanding the structure and function of agroecosystems including the use of land, water, energy, and biological resources in agriculture. We will learn how to assess the sustainability of agroecosystems, examine the relationship between a sustainable agroecosystem and a sustainable food system and consider the barriers and opportunities for developing a sustainable world food system.

**Prerequisite:** ENVS 150 with a minimum grade of D or ENVS 203 with a minimum grade of D.

**ENVS 335. Climate Change. 3 Hours.**

Climate change examines the past, present, and future from an earth systems perspective. The scientific evidence of climate change will be examined along with dynamic models of climate systems. Scientific predictions of climate change will also be examined in addition to social, political, and economic perspectives on global warming.

**ENVS 336. Climate Change (with lab). 4 Hours.**

Identical to ENVS 335, but with a laboratory component.

**ENVS 338. Terrestrial Ecology (with lab). 4 Hours.**

Examination of the range of the world's terrestrial ecosystems and practical field experience with major terrestrial ecosystems in the southeastern US. An analytical field-based approach to understanding basic ecological principles including population dynamics, interspecific interactions, and biodiversity. Exploration of global change issues in the context of landscape-level dynamics in space and time. Utilization of the R programming language to model ecological interactions and investigate how ecological states are altered by direct and indirect anthropogenic interactions.

**ENVS 340. Quantitative Environmental Methods & Models (with lab). 1 to 3 Hours.**

Develop quantitative and environmental literacy by analyzing real-world environmental situations and problems with the use of mathematics and statistics. Students will learn how to use dynamic systems models and geographical information systems to gain insight into natural and social processes relevant to environmental issues and policy decisions.

**Prerequisite:** MATH 140 with a minimum grade of D or MATH 181 with a minimum grade of D.

**ENVS 341. Health & the Environment. 3 Hours.**

Students will demonstrate knowledge and understanding of the relationship between the environment and humans along with the impact each has on the health of the other. Human health as impacted by the environment will be the main focus. This focus will include primarily physical health but will also address psychological, emotional and spiritual health. Human activities that result in environmental factors that in turn affect human health will be addressed. Junior or senior class standing required.

**ENVS 347. Environmental Storytelling. 3 Hours.**

Examination of narrative storytelling tools and techniques in Environmental Humanities context. Content includes creative writers, films, visual and physical artists, as well as music. This course satisfies the Environmental Studies Capstone preparation requirement; students will plan and propose their senior capstone projects in this class.

**Prerequisite:** ENVS 202 with a minimum grade of D.



**ENVS 349. Developing the Capstone Proposal. 3 Hours.**

A seminar course required for all Environmental Studies majors in either the fall or spring semester of their junior year. Class meetings will guide students through a survey of qualitative, quantitative, and mixed research methods as well as the process of research design and capstone proposal development. By the end of the seminar, each student will have a finished proposal for the capstone project that they will execute in ENVS 449.

**ENVS 350. Research Methods. 1 to 3 Hours.**

Introduces students to research and critical reading of original research by participating in an existing departmental research project, either in preparation for completing the senior capstone or in collaboration with faculty-led research. This course is variable credit. Students may earn a maximum of three credit hours.

**ENVS 400. Regional Environmental Problems (with lab). 4 Hours.**

An interdisciplinary elective in which advanced students blend knowledge and interest from their major fields with the methodology and perspectives of earth science to understand regional environmental systems and problems. The course is designed as a bridge between the cultures of the scientist and the humanist.

**ENVS 449. Senior Capstone Project. 3 Hours.**

This course will require students to complete a substantial project in Environmental Studies.

**Prerequisite:** ENVS 349 with a minimum grade of C.

**ENVS 450. Environmental Studies Senior Seminar. 3 Hours.**

The final course required for majors and minors will focus on a particular environmental problem or topic. Guest speakers will address facets of the assigned problem or topic over the course of the semester. The seminar will meet for discussion on days when speakers are not scheduled.

**Prerequisite:** ENVS 201 with a minimum grade of D and ENVS 202 with a minimum grade of D and ENVS 203 with a minimum grade of D and ENVS 449 with a minimum grade of D.

**ENVS 470. Independent Study. 1 to 3 Hours.**

Study of a specific topic in environmental studies under the direction of a departmental faculty member. The readings, program of research, and written work to be undertaken by the student will be determined in consultation with the instructor.

**ENVS 480. Advanced Topics in Environmental Studies. 0 to 4 Hours.**

Selected topics in Environmental Studies at an advanced level.

**ENVS 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Finance (FIN)

**FIN 280. Selected Topics in Finance. 1 to 4 Hours.**

This listing covers a variety of topics. Ordinarily, these offerings require few, if any, prerequisites and do not count toward fulfillment of the Finance major. Offered on occasional basis.

**FIN 321. Business Finance. 3 Hours.**

A study of the fundamental concepts in financial management, including present value, stock and bond valuation, financial analysis and forecasting, capital budgeting, and long-term financing alternatives. Students majoring or minoring in Accounting or Finance must earn a grade of C or better. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of D and MATH 140 with a minimum grade of D.

**FIN 411. Investments. 3 Hours.**

A study of investment alternatives such as stocks, bonds, options, and futures, and of the markets which provide for trading in these instruments. Modern portfolio theory is studied and applied using groups of investment possibilities. Using a computer software package, students construct several portfolios and track their performance throughout the semester. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C.

**FIN 415. Bank Management. 3 Hours.**

An introduction of the theory and practice of commercial bank management. It covers topics such as bank regulation, managing deposits and loans, credit evaluation, raising capital, and bank operations. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C.

**FIN 420. Cases in Finance. 3 Hours.**

A study of advanced topics in finance, particularly corporate finance, using the business case methodology. Offered annually.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C and (FIN 445 with a minimum grade of C or ACCT 445 with a minimum grade of C).

**FIN 435. Real Estate Analysis. 3 Hours.**

An introduction to real estate analyses emphasizing discounted cash flow methods, financing alternatives, tax implications, and uncertainty. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C.

**FIN 437. Real Estate Development. 3 Hours.**

An exploration of the various aspects commercial real estate development such as market analysis, land acquisition, financing, construction, property management, and real estate investment trusts.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C.

**FIN 440. International Finance. 3 Hours.**

A course covering the essentials of international finance, including international portfolio analysis, capital markets, investment instruments, and contemporary geopolitical events affecting foreign investments. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C.

**FIN 445. Financial Statement Analysis. 3 Hours.**

This course helps students understand financial statements from management, shareholder, and creditor perspectives. Students will learn how financial statements are organized, are used by managers to improve company performance, and are used by investors in valuing companies and in evaluating potential investments. Cross-listed with ACCT 445. Offered every semester.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C.

**FIN 450. Corporate Financial Analysis. 3 Hours.**

Students will learn how to apply financial theory to analyze and resolve simple and complex business issues. Students will be provided with descriptions of business situations in which they will identify the important issues, identify and analyze various options for resolving these issues, and present recommended solutions supported by quantitative and qualitative justifications. Often these analyses will include the development of financial models. Offered spring semester.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C and (FIN 445 with a minimum grade of C or ACCT 445 with a minimum grade of C).

**FIN 461. Applied Investment Research: CFA Institute of Investment Research Challenge. 1 Hour.**

In this course, students research and write an in-depth investment report on a public company selected by the CFA (Certified Financial Analysts) Institute. The students then present and defend their report to a panel of CFA judges in an intercollegiate competition in which graduate and undergraduate teams from colleges and universities in the region compete. The top-rated teams then compete in a regional final. Graded on a Pass/Fail basis. Instructor permission required. This course does not fulfill any major or minor requirements. Offered spring semester.

**FIN 466. Applied Portfolio Management. 1 Hour.**

In this course, students lead the research teams that make up the Student-Managed Investment Fund (James Fund). The research teams conduct monthly in-depth investment analysis of a security. The students then present and defend their findings to the entire James Fund membership. They also report annually to the Investment Advisory Committee of the Board of Trustees. Offered on a pass/fail basis. This course does not fulfill any major or minor requirements. Offered spring semester.

**FIN 470. Independent Study in Finance. 1 to 3 Hours.**

Independent study of selected topics in finance at an advanced level. Specific topics vary from semester to semester.

**FIN 480. Advanced Topics in Finance. 1 to 4 Hours.**

Selected topics in Finance at the advanced level. Topics and credits may vary from year to year.

**Prerequisite:** ACCT 211 with a minimum grade of C and FIN 321 with a minimum grade of C.

**FIN 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## First-Year Inquiry (FYI)

**FYI 101. First-Year Interaction Seminar. 1 Hour.**

Designed to engage all first-year students in the college, local, and global communities, the course establishes a foundation for the transition into Wofford College and the development of the whole person. It includes learning through theme-based inquiry, professional development, cultural events, and exploration of student strengths as the foundation.

## French (FREN)

**FREN 101. Beginning Active French. 3 Hours.**

A first semester comprehensive introduction to the four skills of the language: oral expression, aural comprehension, reading, and writing. Communication skills and intercultural competence are emphasized through extensive use of French in the classroom.

**FREN 102. Beginning Active French. 3 Hours.**

A second semester comprehensive introduction to the four skills of the language: oral expression, aural comprehension, reading, and writing. Communication skills and intercultural competence are emphasized through extensive use of French in the classroom.

**Prerequisite:** FREN 101 with a minimum grade of D.

**FREN 201. Intermediate Active French. 3 Hours.**

An intensive first semester review of the language at the intermediate level with an emphasis on the development of fluent oral skills, refinement of grammatical structures, vocabulary building, and expansion of reading and writing skills. Oral communication is stressed in class.

**Prerequisite:** FREN 102 with a minimum grade of C-.

**FREN 202. Intermediate Active French. 3 Hours.**

An intensive second semester review of the language at the intermediate level with an emphasis on the development of fluent oral skills, refinement of grammatical structures, vocabulary building, and expansion of reading and writing skills. Oral communication is stressed in class.

**Prerequisite:** FREN 201 with a minimum grade of C-.

**FREN 280. Selected Topics in French. 1 to 4 Hours.**

The study of selected topics, at the introductory or intermediate level, in French.

**FREN 303. Advanced French. 3 Hours.**

Advanced French language course designed to move the student toward content-based courses. Topics focus on: refinement of listening and speaking skills, reading French, and oral and written communication. The course stresses improvement in the ease and richness of expression, as well as intercultural competency. Conducted in French.

**Prerequisite:** FREN 202 with a minimum grade of C-.

**FREN 304. The French World: France. 4 Hours.**

A discovery of France and its social and cultural institutions through a study of contemporary issues and of differences and similarities between American and French histories, philosophies, policies, and trends. Strong emphasis on intercultural competence. Conducted in French.

**Prerequisite:** FREN 303 with a minimum grade of C.

**FREN 306. The Francophone World: Global South. 4 Hours.**

A decolonial approach to exploration of French-speaking regions of the Global South. Topics may include the Maghreb, Sub-Saharan Africa, the Indian Ocean, French Polynesia, and the Caribbean. This introductory course to Francophone Studies focuses on key historical moments, indigenous histories and myths, plurilingualism, and cultural practices. Conducted in French. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** FREN 303 with a minimum grade of C.

**FREN 308. Introduction to French and Francophone Literatures. 3 Hours.**

An introduction to the literatures of France and the French-speaking world. Topics include: reading techniques that appreciate style, syntax, and rhetorical devices from the Renaissance to the 21st Century. Diverse literary genres and authors are studied with an emphasis on the historical, social, and cultural contexts of the chosen works. Students will acquire academic writing skills in French. Conducted in French.

**Prerequisite:** FREN 303 with a minimum grade of C.

**FREN 412. French Novel. 3 Hours.**

Readings from selected texts that represent the evolution of the French novel. Attention is paid to technique and style, with emphasis also on the historical and social importance of each novel. The student also becomes familiar with a substantial corpus of critical literature. Conducted in French.

**Prerequisite:** FREN 308 with a minimum grade of C.

**FREN 413. French Poetry. 3 Hours.**

Study of a variety of texts from representative poetic movements from the 17th century through the 20th century. Emphasis is placed on poetry as a social and historical document and close attention is also paid to the evolution of poetic structure and technique. Conducted in French.

**Prerequisite:** FREN 308 with a minimum grade of C.

**FREN 414. French Non-Fiction. 3 Hours.**

A careful reading of selected major essays, journalistic articles and reviews, biographies and autobiographies, and other non-fictional texts by writers in French. The course focuses on important themes and perspectives of influential French authors, contemporary and historical, as well as on the basic elements and strategies of their prose styles. Conducted in French.

**Prerequisite:** FREN 308 with a minimum grade of C.

**FREN 415. French Theater. 3 Hours.**

A careful reading of representative texts of the French theater designed to acquaint the student with the different genres of theater and to teach the student to read critically. Conducted in French.

**Prerequisite:** FREN 308 with a minimum grade of C.

**FREN 421. French Film Seminar. 4 Hours.**

A study of French film as an art form. Using a representative sample of films as 'texts,' the course considers narrative processes, representational modalities, and the language of film (cinematographic techniques and devices). Other topics of consideration may include the contrastive analysis of literary and cinematic fictions; the cinematic depiction of social and cultural realities (film as cultural mirror, film as propaganda); the historical development of a national film industry; and the director as auteur. Conducted in French.

**Prerequisite:** FREN 308 with a minimum grade of C.

**FREN 440. The Art & Craft of Translation. 3 Hours.**

To enrich and deepen the student's understanding of different methods of written expression in French, the course focuses on expansion of the student's active and passive vocabulary and on the student's appreciation of the linguistic nuances that distinguish French language from English language. Conducted in French and English.

**Prerequisite:** FREN 303 with a minimum grade of C.

**FREN 441. Advanced Grammar and Composition. 3 Hours.**

This course is designated according to the ACTFL Revised Proficiency Guidelines to help students improve their control of French grammar in order to improve their composition and grammatical skills in French of different genres. The focus on grammar and writing skills will be supported by various listening and speaking activities. By the end of this course, students should be able to write in relatively sophisticated and accurate French on complex topics, converse about these same topics, and read authentic texts written in French with increasing ease. Conducted in French.

**Prerequisite:** FREN 303 with a minimum grade of C.

**FREN 442. Oral Proficiency: Conversing and Interpreting in French. 3 Hours.**

A practical approach to speaking French. Using a wide variety of spoken samples for listening practice and role-play tasks for speaking practice, the course examines the functions and contexts of oral proficiency levels from intermediate to superior abilities. The course also considers techniques of oral assessment and the nature of professional interpreting as a career. Conducted in French.

**Prerequisite:** FREN 303 with a minimum grade of C.

**FREN 443. French Phonetics. 4 Hours.**

An introduction to the International Phonetic Alphabet and its application to problems of correct phonetic utterance. Phonetic accuracy improves oral expression by the student and aural comprehension by the listener. Conducted in French and English.

**Prerequisite:** FREN 303 with a minimum grade of C.

**FREN 444. French for Professional Fluency. 3 Hours.**

Students will study Francophone professional culture by investigating and reading about the different professional areas in which they could use their French. Students will learn to develop and perfect their language skills to be able to function in a French professional environment. Students will become familiar with the trends of the French professional areas of the Arts, Law, Public Services & NGOs, Healthcare, Trade, and the Hospitality Industry, and will learn about the impacts of new discoveries, models, and structures within these areas. Cross-cultural differences regarding the work place will also be a focus of the course. This course will be taught in French.

**Prerequisite:** FREN 304 with a minimum grade of C or FREN 306 with a minimum grade of C.

**FREN 480. Advanced Topics in French. 1 to 4 Hours.**

The study of selected topics at the advanced level in French.

## Gender Studies Program (GSP)

**GSP 301. Introduction to Gender Studies. 3 Hours.**

The course introduces basic topics, concepts and theories from the field of Gender Studies through an interdisciplinary and intercultural analysis of gender roles and their intersection with other social constructs such as race, class, sexuality, religion or disability. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**GSP 448. Capstone Project: Gender Studies. 3 Hours.**

Designed by the student, the Capstone Project combines an understanding of gender theory with study in two disciplines. The product of the project may take the form of a traditional research paper of 20-30 pages, but works of fiction or drama, field studies, multi-media presentations, or other formats are acceptable, subject to the approval of the coordinators. Products other than research papers must be accompanied by bibliography of sources and a 5-10 page statement explaining goals, results, and research methods. Students will work closely throughout the semester with two faculty advisors and will defend the results of their projects before a committee of three faculty members: two who teach courses in the program and one outside reader. At least one committee member will be a program coordinator. The defense will be open to the Wofford community. Prerequisite: Instructor permission.

**Prerequisite:** ENGL 339 with a minimum grade of D or ENGL 345 with a minimum grade of D or ENGL 445 with a minimum grade of D or GSP 301 with a minimum grade of D or HIST 389 with a minimum grade of D or PHIL 303 with a minimum grade of D or PHIL 315 with a minimum grade of D.

## German (GER)

**GER 101. Beginning Active German. 3 Hours.**

A comprehensive introduction to the four skills of the language: speaking, aural comprehension, reading, writing. Structure and communication skills are emphasized through extensive use of German in the classroom.

**GER 102. Beginning Active German. 3 Hours.**

A comprehensive introduction to the four skills of the language: speaking, aural comprehension, reading, writing. Structure and communication skills are emphasized through extensive use of German in the classroom.

**Prerequisite:** GER 101 with a minimum grade of D.

**GER 201. Intermediate Active German. 3 Hours.**

An intensive review of the language, with emphasis on development of fluent oral skills, refinement of grammatical structure, vocabulary building, and expansion of reading and writing skills. Oral communication is stressed in class.

**Prerequisite:** GER 102 with a minimum grade of C-.

**GER 202. Intermediate Active German. 3 Hours.**

An intensive review of the language, with emphasis on development of fluent oral skills, refinement of grammatical structure, vocabulary building, and expansion of reading and writing skills. Oral communication is stressed in class.

**Prerequisite:** GER 201 with a minimum grade of C-.

**GER 280. Selected Topics in German. 1 to 4 Hours.**

The study of selected topics at the introductory or intermediate level in German.

**GER 303. Advanced German. 3 Hours.**

Modern short stories are the basis for discussions on a wide range of topics contrasting German and American cultural attitudes and the ways in which they are expressed. Written assignments are related to discussion topics. The course stresses application of grammar, idiomatic usage of German, and vocabulary acquisition, with the goal of moving the student toward advanced proficiency in German. Conducted in German.

**Prerequisite:** GER 202 with a minimum grade of C-.

**GER 304. The German World. 3 Hours.**

A discovery of Austria, Germany and Switzerland, their social, cultural, and political institutions, their geography and recent history through authentic listening and reading materials. Conducted in German.

**Prerequisite:** GER 303 with a minimum grade of C.

**GER 306. Popular Culture and Traditions in Austria, Germany and Switzerland. 3 Hours.**

An exploration of the historical development of popular culture in Austria, Germany, and Switzerland. Using representative samples of literary works, films, music, and fine arts, the course will examine the production, manifestation, and audience of popular culture. Outside influences that shape popular culture will also be discussed. Conducted in German.

**Prerequisite:** GER 303 with a minimum grade of C.

**GER 308. Introduction to German Literature. 3 Hours.**

Selected readings in poetry, drama, and prose introduce the student to the historical development of various literary genres and foster an appreciation of diverse styles and literary techniques. Conducted in German.

**Prerequisite:** GER 303 with a minimum grade of C.

**GER 309. Business German. 3 Hours.**

This course is designed to build speaking and oral comprehension skills, reading and writing skills, and cultural proficiency with a strong focus on business-German. The course concentrates on contemporary Germany, Austria, and Switzerland and will introduce students to essential aspects of business culture and practices in German-speaking countries.

**Prerequisite:** GER 303 with a minimum grade of C.

**GER 370. Independent Study. 1 to 4 Hours.**

Independent study of selected topics in German language, literature, or culture offered under the guidance of a member of the department. Permission of instructor required.

**Prerequisite:** GER 202 with a minimum grade of C.

**GER 401. German Prose. 3 Hours.**

A careful reading of selected texts by major German-speaking authors that trace the evolution of specific genres within German prose. The course surveys one of the major literary genres of either the German novel, the "Novelle," or the fairytale. The techniques and styles of major German authors are examined, with emphasis on their historical and social importance. Conducted in German.

**Prerequisite:** GER 308 with a minimum grade of C.

**GER 402. German Theater. 3 Hours.**

A careful reading of representative texts of the German theater designed to acquaint the student with the different genres of theater and to teach the student to read critically. Conducted in German.

**Prerequisite:** GER 308 with a minimum grade of C.

**GER 403. German Expressionism. 3 Hours.**

An interdisciplinary study of Expressionist literature, art, and culture that takes into account the political and historical relevance of its revolutionary time period. Using prose, drama, and poetry, as well as representative films of this period, the course explores the importance of these works as documents of turn-of-the-century European culture, the dawn of modernism, industrialism, and urbanization, as well as the political and social realities of pre-war, World War I, and "Weimar" Germany. Conducted in German.

**Prerequisite:** GER 308 with a minimum grade of C.

**GER 404. German Contemporary Film Seminar. 4 Hours.**

A study of German-speaking film as an art form. Using a representative sample of films as "texts," the course considers narrative processes, representational modalities, and the language of film (cinematographic techniques and devices). Other topics of consideration may include the contrastive analysis of literary and cinematic fictions, the cinematic depiction of social and cultural realities (film as cultural mirror, film as propaganda), the historical development of a national film industry, and the director as auteur. Conducted in German.

**Prerequisite:** GER 308 with a minimum grade of C.

**GER 405. German Poetry. 3 Hours.**

A careful reading of selected poems by major German-speaking authors, tracing the evolution of specific genres within German poetry. The authors' techniques and styles are examined, with emphasis on their historical and social importance. Conducted in German.

**Prerequisite:** GER 308 with a minimum grade of C.

**GER 406. Multiculturalism and Diversity in the German-Speaking World. 3 Hours.**

An exploration of the cultural and social diversity within Austria, Germany, and Switzerland. Selected literary texts, texts dealing with current events, and films about and by minority cultures will be studied. The course will examine how minorities adapt to and/or adopt the majority culture of the host country. Conducted in German. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** GER 308 with a minimum grade of C.

**GER 480. Advanced Topics in German. 1 to 4 Hours.**

The study of selected topics at the advanced level in German.

## Government (GOV)

**GOV 202. Foundations of American Politics. 3 Hours.**

An introduction to American national government emphasizing constitutional principles and the historical development of institutions and processes.

**GOV 280. Selected Topics in Government. 1 to 4 Hours.**

Selected topics in Government at the introductory or intermediate level.

**GOV 310. American Political Development I. 3 Hours.**

This is the first in a two course series in American Political Development, a subfield of Political Science dedicated to analyzing and explaining key transformative changes in the American political system including citizenship, political institutions, and political parties and movements. American Political Development I examines this evolution from the Founding to the Era of Reconstruction.

**GOV 311. American Political Development II. 3 Hours.**

This is the second in a two course series in American Political Development, a subfield of Political Science dedicated to analyzing and explaining key transformative changes in the American political system including citizenship, political institutions, and political parties and movements. American Political Development II examines this evolution from the Progressive Era (early 1900s) to today.

**Prerequisite:** GOV 310 with a minimum grade of D.

**GOV 320. Leadership & Globalization in South Carolina. 3 Hours.**

Students will learn how South Carolina is shaped by its global connections of culture, work and politics, and how leaders in all these fields attempt to shape those forces and with what results. Students will integrate a wide range of encounters with leaders, experiences, readings, teachings, films and student projects.

**GOV 330. South Carolina Politics. 3 Hours.**

This course will explore the political structure, political history and culture, and current issues in South Carolina.

**GOV 331. The American Presidency. 3 Hours.**

An examination of the sources of and constraints on Presidential authority, of the roles of the President in the United States and the world, and of the organization of the office and its advisory institutions and its relations with Congress and the Judiciary.

**GOV 333. Southern Politics. 3 Hours.**

This course examines the political culture, historical background, and current trends in the politics of the American South. The course consists of reading, discussion, lectures, and presentations by members of the seminar.

**GOV 335. African American Politics. 3 Hours.**

American political life is defined by two fundamental commitments: democracy and the protection of individual rights. The most notable conflicts in our nation's history have been those where the desires of a majority impede the rights of a minority. This course examines the struggle of African Americans for equal rights by studying both the political and civil rights movements, and also the legal battles for racial equality in the courts.

**GOV 345. Health Care Policy & Administration. 3 Hours.**

This course provides an overview of the U.S. health care system, its internal administration, and the evolution of federal and state policy. We focus on the political dynamics of public health care, and particularly on administration and policy formulation as it affects private insurers, Medicare and Medicaid, and changes wrought by the Patient Protection and Affordable Care Act. The course draws on lectures by experts in the public health sector and examines the growing body of administrative and public policy literature in this area. No disciplinary background is assumed, nor is any special familiarity with the field of health care required.

**GOV 380. Selected Topics in Government. 1 to 3 Hours.**

Seminars on selected topics in Government offered on an occasional basis.

**GOV 391. Classical Political Thought. 3 Hours.**

A study of the political philosophy of the ancients through close reading and discussion of selected texts of the major authors.

**GOV 392. Modern Political Thought. 3 Hours.**

A study of the political philosophy of the moderns through close reading and discussion of selected texts of the major authors beginning with Machiavelli.

**GOV 411. Constitutional Law of the United States. 3 Hours.**

An overview of the major areas of American constitutional law emphasizing the reading and analysis of cases and the natural and common law background of the Constitution.

**GOV 434. Statesmanship of Lincoln. 3 Hours.**

A study of Abraham Lincoln's entire political career with the aim of coming to an informed critical judgment about his political prudence and moderation in preserving and improving American constitutional democracy.

**GOV 436. Statesmanship of Winston Churchill. 3 Hours.**

A study of statesmanship through the career of Winston S. Churchill.

**GOV 437. Politics and Literature. 3 Hours.**

The teachings of the greatest poets about politics.

**GOV 440. American Political Thought. 3 Hours.**

An examination of the origin and development of major American political ideas as revealed in political essays, letters, and novels.

**GOV 450. Senior Directed Study. 1 to 3 Hours.**

Intensive guided study and research on selected topics in any field of political science. The instructor, in consultation with the student, will establish the subject for study and the requirements. Enrollment normally is limited to seniors majoring in Government who are of high academic standing.

**GOV 470. Independent Study in Government. 1 to 3 Hours.**

Independent study of selected topics in government at an advanced level. Specific topics vary from semester to semester.

**GOV 480. Advanced Topics in American Government. 1 to 4 Hours.**

Selected topics in the functions, policies, organization, and theory of American government. Subject matter varies.

**GOV 495. Advanced Topics in Political Theory. 1 to 4 Hours.**

Selected topics in political theory. Subject may vary from semester to semester.

**GOV 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## History (HIST)

**HIST 100. History of Ancient and Medieval Western Civilization to 1350. 3 Hours.**

A basic survey of Western Civilization from Antiquity to the Italian Renaissance.

**HIST 101. History of Early Modern Western Civilization to 1815. 3 Hours.**

A basic survey of Western Civilization from the Renaissance to 1815.

**HIST 102. History of Modern Western Civilization Since 1815. 3 Hours.**

A basic survey of Western Civilization since 1815.

**HIST 110. History of Science. 3 Hours.**

An introductory survey of the intellectual, social, economic, and political contexts in which science as field of study and as a source of authority developed from the ancient Greeks to the present.

**HIST 111. History of the United States, 1607-1865. 3 Hours.**

A basic survey of American history from the settlement at Jamestown to the surrender at Appomattox.

**HIST 112. History of the United States Since 1865. 3 Hours.**

A basic survey of American history from Reconstruction to the present.

**HIST 191. Modern Middle East. 3 Hours.**

A study of the Middle East, with special attention given to the 19th and 20th centuries. Major themes include Islam and traditional Middle Eastern society and culture, the impact of Western imperialism in the Middle East, and the effort to build strong and independent nations out of the remnants of the Ottoman, French, and British empires. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 192. Modern East Asia. 3 Hours.**

A survey of the history of East Asia since the beginning of the 19th century with particular attention given to Asia's encounter with the West. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 193. History of the Peoples of Sub-Saharan Africa. 3 Hours.**

Survey of African history from pre-history to present. Themes include the role of the environment; interactions of ethno-linguistic groups; African Diaspora; the impact of Islam and European imperialism on African peoples; and decolonization and state formation in the 20th century. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 196. Colonial Latin American History. 3 Hours.**

A study of the pre-Columbian and colonial eras of Latin American history examining the economic, political, and social aspects of colonial life, looking in particular at the adaptation of Spanish and Native American institutions to the new colonial reality. Study also includes the formation of ethnic and national identities between the 16th century conquest and the independence movements of the early 19th century. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 197. Modern Latin American History. 3 Hours.**

An examination of Latin American history since Independence focusing upon the continuing issues of ethnicity and race relations, as well as the impact of global capitalism on Latin America. Emphasis is also placed on rural and urban social movements, peasant rebellions, political developments, and the relations of Latin American nations with the United States. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 260. Historiography and Research Methods. 3 Hours.**

An introduction to the concept of historiography (i.e. the history of history) and guidance through selected schools of historical thought. The course also provides instruction in basic research methods, including technology-based research.

**HIST 280. Selected Topics in US History. 1 to 4 Hours.**

Selected topics in United States history at the introductory or intermediate level.

**HIST 307. History of the American South to the Civil War. 3 Hours.**

A cultural, economic, and social history of the South from 1820 to the Civil War.

**HIST 308. History of the American South since the Civil War. 3 Hours.**

A cultural, economic, and social history of the South since the Civil War.

**HIST 309. Early America and the Atlantic World to 1763. 3 Hours.**

An investigation of early North America from the late 16th century to the massive upheavals of the Seven Years' War ending in 1763. Students will analyze such topics as European-Native exchanges, colonial-era revolts, marginal economies such as smuggling and piracy, and indigenous and African enslavement in North America.

**HIST 310. Era of the American Revolution, 1763-1800. 3 Hours.**

The course emphasizes the social and intellectual dimensions of the Revolutionary era, from initial economic and political conflicts within the Empire, to the War for Independence and its impact in the Atlantic World, and the creation of a federal Constitution and a viable republic.

**HIST 311. Topics in American Social History. 3 Hours.**

Explorations in American society, thought, and culture.

**HIST 314. American Civil War. 3 Hours.**

A study of the Civil War years, 1861-1865.

**HIST 317. American Wests, 1750-1940. 3 Hours.**

A study of the overlapping and often conflicting diverse societies of western North America from c. 1750 to 1940. The course will explore how physical geography and climate - aridity in particular - influenced the rise and containment of Native empires, Spanish settlement, comparative economic frontiers and military expansionism, and the mythic West of Hollywood.

**HIST 318. American Legal History. 3 Hours.**

Introduction to landmark cases in American legal history and their social implications. Topics include heritage of English law, free speech, the Constitution and the Supreme Court, slavery and civil rights, gender and identity, the law and scientific enquiry, and terrorism.

**HIST 319. History of American Women. 3 Hours.**

An exploration of the experience of women in their public and private roles throughout American history.

**HIST 320. American Diplomatic History. 3 Hours.**

A history of American foreign policy from national independence to the status of international power, with particular focus on the 20th century.

**HIST 321. African-American History to 1865. 3 Hours.**

An in-depth exploration of the African-American experience from 1619-1865, with a focus on the institution of American slavery.

**HIST 322. African-Am History since 1865. 3 Hours.**

An examination of African-American history since 1865. This class places particular emphasis on the competing ideas within the African-American community regarding how best to deal with the continuing legacies of slavery and racism.

**HIST 325. America Since 1945. 3 Hours.**

An examination of the major trends of recent American history, from the end of World War II to the present. Among the major areas of attention are the origins and perpetuation of the Cold War competition with the Soviet Union and the subsequent rise of the national security state, the consolidation and expansion of the limited welfare state, the Civil Rights movement and the Women's movement, the Vietnam War and the social upheaval of the 1960s, the crisis of confidence of the 1970s, and the Reagan revolution of the 1980s.

**HIST 333. Ancient Greece. 3 Hours.**

A survey of the history, society, and culture of ancient Greece. The course begins with the Minoan and Mycenaean civilizations (c.3500-c.1100 BCE) and ends with the death of Alexander the Great in 323 BCE. Topics include Troy, the rise and fall of Athens and Sparta, the Persian wars, the Peloponnesian wars, the origins of democracy, and the rise of Alexander the Great.

**HIST 334. Ancient Rome. 3 Hours.**

A survey of the history and culture of ancient Rome. The course covers Rome's mythical foundation, the Roman Republic, the Roman empire, and the eventual fall of the Western Roman empire.

**HIST 335. Ancient Warfare. 3 Hours.**

An exploration of war in the ancient world and how ancient societies practiced warfare. Emphasis is placed on the critical study of ancient texts, art, and material culture to understand ancient battles, logistics, training, arms and armor, technology, recruitment, and cultural perceptions of war in ancient Mesopotamia, Egypt, Greece, and Rome.

**HIST 340. The Early and High Middle Ages (400-1200). 3 Hours.**

Beginning with the decline and fall of the Roman empire, an examination of the 'Dark Ages' of the early medieval period and the Christianization of Western Europe after the fall of Rome. The course also looks at the Carolingian empire, Islamic Spain, Viking expansion, the Norman conquest of England, the culture of the High Middle Ages, and the so-called 'twelfth-century renaissance.'

**HIST 350. The Reformation and Counter Reformation (1400-1688). 3 Hours.**

An examination of the social, political, and religious causes of the Reformation in the 16th century. The course focuses as well on the changes made to European Christendom during the Reformation era and on the similarities and differences among different sects. Emphasis is placed on the reform of the existing church as both a self-motivated Catholic Reformation and as a response to Protestantism.

**HIST 351. Witchcraft and Magic in Early Modern Europe. 3 Hours.**

A study of the intellectual and cultural origins of the European Witch Craze of the sixteenth century. The course will focus on changing views of witchcraft and folk belief during the sixteenth century and examine how attitudes toward witchcraft continued to change throughout the early modern period in the context of the Reformation, Catholic Reformation and Enlightenment.

**HIST 360. Europe from Louis XIV to the French Revolution (1600-1800). 3 Hours.**

Focusing chiefly on France, a study of European society between 1600 and 1799, with emphasis on social and political developments, in particular the rise of absolute monarchy and the modern state. In addition, study includes the so-called Scientific Revolution and the intellectual culture of the Enlightenment, as well as the economic, social, and political crises that preceded the French Revolution. The end of the course focuses on the French Revolution itself.

**HIST 370. Europe in the Age of Revolutions, 1789-1850. 3 Hours.**

A survey of the revolutions in Europe, beginning with the French Revolution and continuing through the revolutionary movements of 1848-50. This course addresses the political, social, economic, and cultural pressures both leading to and resulting from revolutions.

**HIST 371. Europe in the Age of Anxieties, 1850-1914. 3 Hours.**

A survey of the pressing cultural and social issues of Europe after the end of the revolutionary period covered in History 370. Major themes include the effects of Darwinian science, the growth of empire, changes in gender roles, and the rise of mass culture.

**HIST 378. Imperial Russia. 3 Hours.**

A survey of the growth of modern Russia, both geographically and politically. Beginning with the westernization of Russia under Peter the Great, this course reviews the social and political transformation of the country in the 18th and 19th centuries. The ultimate goal is to examine explanations for the Communist Revolution of 1917.

**HIST 379. The End of Europe? The EU in the 21st Century. 3 Hours.**

Examines the factors and motives leading to the founding of the EU and charts its development over the years, culminating with the centrifugal forces that could lead to a drastic remodeling of the European Union or even its complete dissolution. Topics include: the importance of merging European countries into ever closer union as a factor in Europe's post WW II development, world financial crisis of 2009, immigration and refugee situations, the rise of nationalism, the Brexit-shock and the Covid-19 pandemic. This course is taught as part of the Wofford study abroad program at Freiburg.

**HIST 380. Selected Topics in History. 1 to 4 Hours.**

Selected problems, periods or trends for intensive study and reading.

**HIST 381. World War, Fascism, and Modernism: Western Europe, 1914-1945. 3 Hours.**

A survey of the crucial events that defined the 20th century for Europe and the rest of the world. This course examines the origins and effects of World War I, the nature of fascism as it developed in Italy and Germany, and the different meanings of modernism and modernity as it developed in this period. It then turns to the "crisis of democracy" that emerged with the Great Depression that eventually yielded another world war along with the Holocaust.

**HIST 382. Western Europe in the Age of the Superpowers, 1945-1991. 3 Hours.**

A survey of Western Europe in the half century after World War II, with attention to the Cold War, the welfare state, decolonization, youth rebellion, and the development of the European Union.

**HIST 383. Tudor-Stuart Britain. 3 Hours.**

A survey of the major political, social, and religious upheavals in England and Scotland during this period, focusing on the establishment of parliamentary monarchy and the break from the Catholic Church.

**HIST 384. Modern Britain. 3 Hours.**

A survey of the emergence of Britain as an island empire, covering the period of 1715 to the present. Major themes include the transfer of political power from monarchy to parliament, the growth of class society, the development of imperial identity, and the loss of international power after the two world wars.

**HIST 385. Women in European History. 3 Hours.**

A survey of the changing models of female and male identity in Europe since approximately 1500, including the development of both 'separate sphere' ideologies and various suffrage movements.

**HIST 394. History of Slavery & Slave Societies. 3 Hours.**

An introduction to the slave trades, varieties of enslavement, and major slave societies around the globe from the Ancient Mediterranean to the persistence of human trafficking into the 21st century. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 398. Iran: Its History, Culture & Politics. 3 Hours.**

Survey of the major eras of Iranian history, beginning with the Achaemenid Empire of Cyrus the Great and the Parthian and Sassanian Empires, those two great rivals of the Roman Empire. Special attention will be given to the Islamic and modern eras, with a goal of understanding the significance of Shi'i Islam for the nation, the challenges of modernization faced by the country in the nineteenth and twentieth century, and the impact of the 1979 Revolution. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 401. Ancient Egyptian History, Prehistory-1550 BC. 3 Hours.**

A survey of the first half of the history and culture of ancient Egypt, from its prehistoric beginnings to the end of the Second Intermediate Period when Egypt was divided. Major historical themes include state formation, kingship and power, civil war, and state use of religion. Additional topics include: pyramid building, the invention of hieroglyphic writing, and the golden age of Egyptian literature. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 402. Ancient Egyptian History, c.1550-30 BCE. 3 Hours.**

A survey of the second half of the history and culture of ancient Egypt, from the Second Intermediate Period to the death of Cleopatra, the last pharaoh to reign from Egypt. Topics include: Egypt's transition into a superpower, its decline, and subsequent move into the wider multicultural and multiethnic world of the 1st Millennium BCE. The political role of women and religion (including the world's first monotheistic religion), and the famed reigns of Tutankhamun, Cleopatra, Ramesses the Great, and the female king Hatshepsut will be covered. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**HIST 440. Modern Intellectual History. 3 Hours.**

A survey of the most important themes in intellectual history since the end of the 19th century. The focus of the course will be such important bodies of thought as positivism, Marxism, psychoanalysis, existentialism, and poststructuralism. This course serves as a core course of the gender studies program, and so special attention will be paid to feminist thought and gender analysis.

**HIST 460. Visiting Jones Professor: History of the United States. 3 Hours.****HIST 465. Visiting Jones Professor: European and Non-Western History. 3 Hours.****HIST 469. World War II: A Global History. 3 Hours.**

An examination of the Second World War as a global phenomenon, with special attention paid to its impact on Europe, the United States, and Japan.

**HIST 470. Independent Study in United States History. 3 Hours.**

Creation and research of a project of special interest focused on US history. Such projects need to be approved by the instructor at least six weeks prior to registration. After approval of the topic, the student is will engage in general bibliographical study, to participate in conferences with the instructor, to report on reading, and to produce papers as directed by the instructor.

**HIST 475. Independent Study in European or Non-Western History. 3 Hours.**

Creation and research of a project of special interest focused on European or non-Western history. Such projects to be approved by the instructor at least six weeks prior to registration. After approval of the topic, the student is will engage in general bibliographical study, to participate in conferences with the instructor, to report on reading, and to produce papers as directed by the instructor.

**HIST 480. Advanced Seminar in United States History. 1 to 4 Hours.**

Selected problems, periods, or trends for intensive study and extensive reading.

**HIST 490. Advanced Seminar in European and non-Western History. 3 Hours.**

A seminar on selected problems, periods or trends for extensive reading, discussion, and writing in a seminar format.

**HIST 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.



## Humanities (HUM)

### **HUM 250. Globalization & Change in the American South. 3 Hours.**

An interdisciplinary course in which students will engage the American South in its current and historically analogous global linkages. These linkages generate rapid change, frustrating stasis, and profound human drama. Prominent themes include: im/migration (in, out, white, black and other), work, land, politics, war and culture. Students will integrate a wide range of encounters and experiences, readings, teachings, films and student projects. Must be taken in conjunction with GOV 320.

**Corequisite:** GOV 320.

### **HUM 260. Research Methods in the Humanities. 3 Hours.**

Explore a variety of disciplines within the humanities and learn the skills and approaches necessary to complete multidisciplinary or interdisciplinary work a major or interdisciplinary program. Explore tools used in different disciplines and learn to evaluate primary and secondary sources and employ modes of discipline appropriate analysis. Gain experience in designing and completing a multidisciplinary writing project.

### **HUM 280. Selected Topics in Humanities. 1 to 4 Hours.**

Selected topics in Humanities at the introductory or intermediate level.

### **HUM 300. Understanding Civic Engagement. 3 Hours.**

This sophomore-level seminar will help students explore and understand their relationships with the communities - local, national, and global - in which they live. Students will learn about the many types of civic engagement possible in the modern world. They will become familiar with past debates over civic engagement and change; they will develop skills in understanding and acting upon the multiple complex messages of change and engagement in today's world; and they will gain a fuller understanding of participatory democracy and civic literacy through a variety of class projects.

### **HUM 350. Junior Humanities Seminar: Civic Engagement in Practice. 3 Hours.**

This junior level seminar helps students explore and understand their relationships with the communities - local, national and global - in which they live. Students will learn about the many types of civic engagement and change; develop skills in understanding and acting upon the multiple complex messages of change and engagement in today's world; and gain a fuller understanding of participatory democracy and civic literacy through a variety of class projects.

### **HUM 469. Developing the Capstone Proposal. 1 Hour.**

A seminar course required of all Humanities majors in the semester preceding their capstone project. Weekly meetings with the instructor and with library faculty will guide students through the process of developing a detailed capstone proposal for HUM 470. Proposal development will be a group process involving critical discussion and peer review. By the end of the seminar, each student will have a finished proposal to include a preliminary thesis statement, an annotated bibliography, and a brief essay on their proposed project. This is a required prerequisite for HUM 470.

**Prerequisite:** HUM 260 with a minimum grade of C.

### **HUM 470. Capstone. 3 Hours.**

A study of some specific topic which integrates and focuses course work a student has done in the humanities major. Normally it is directed by the committee which guided the student's major. Open only to seniors majoring in Humanities. Offered every year.

**Prerequisite:** HUM 469 with a minimum grade of D.

### **HUM 475. Independent Study in Interdisciplinary Learning Communities. 3 Hours.**

This course provides an opportunity for students to revisit, in a larger interdisciplinary context, values and issues questions derived from their experience in previous humanities classes. Students will work with faculty in the development and implementation of interdisciplinary learning communities; they will facilitate classroom discussions, aid in preparing and analyzing evaluation materials, and produce a substantial final project reflecting on their experience.

### **HUM 480. Advanced Topics in Humanities. 1 to 4 Hours.**

Study of significant ideas, issues, or themes using a multidisciplinary approach pursued through a variety of media. May be offered by any member of the humanities faculty, subject to the approval of the Coordinator. Not open to freshmen. Topics and prerequisites vary.

### **HUM 495. Presidential Seminar. 1 to 3 Hours.**

This seminar was conceived as both a capstone experience in the liberal arts and in recognition of graduating seniors distinguished for their academic achievement and their contributions to the college community. Participants, nominated by their departments and selected by Wofford's president, become part of a semester-long colloquium involving not only themselves and that of two moderators, but various Wofford faculty members, alumni, and friends of the college are invited to join individual sessions.

## Intercultural Studies (ICS)

### **ICS 280. Selected Topics in Intercultural Studies. 0 to 4 Hours.**

Selected topics in Intercultural Studies at the introductory or intermediate level.

### **ICS 470. Independent Study. 1 to 4 Hours.**

A course in which the student pursues independently, under the guidance of a member of the department, a specific topic of interest.

### **ICS 475. Presidential Scholarship. 1 to 15 Hours.**

Selected by the President of the college, the recipient(s), known as the Presidential International Scholar and Presidential Global Studies Scholar(s), is/are expected to plan a program of research and experience in the developing world. This special opportunity is intended to expose students to diverse world cultures and some of the problems which define the contemporary world. Instructor permission required.

### **ICS 480. Advanced Topics in Intercultural Studies. 0 to 4 Hours.**

Selected topics in Intercultural Studies at the advanced level.

### **ICS 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## International Affairs (INTL)

### **INTL 203. Foundations of World Politics. 3 Hours.**

A historical, philosophical, and topical foundation in international relations and comparative politics, and an introduction to essential research skills.

**INTL 260. Comparing States & Societies. 3 Hours.**

An examination of the major questions in comparative politics. Emphasis is placed on the political systems and unique histories and economic situations of Iran, China, India, Nigeria, and Russia. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**INTL 280. Selected Topics in International Affairs. 1 to 4 Hours.**

Selected topics in international affairs at the introductory or intermediate level.

**INTL 360. European Politics. 3 Hours.**

A study of the politics of selected European states in historical perspective. Other topics in European politics may also be covered.

**INTL 361. Middle East Politics. 3 Hours.**

A study of the contemporary politics of the Middle East, including domestic politics, foreign relations, the role of oil, the origins and impact of terrorism, and the dramatic encounter of cultures in the region. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**INTL 362. China: Politics, Economy and Foreign Relations. 3 Hours.**

A survey of the rise of modern China as a major power, with particular emphasis on its politics, economy, and foreign relations. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**INTL 363. African Politics. 3 Hours.**

Explores the internal and international politics of sub-Saharan Africa within its rich cultural, economic, humanitarian, and historical contexts, and also addresses special issues such as failed states, humanitarian intervention, HIV/AIDS and other health issues, and demographic trends specific to Africa. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**INTL 364. Russia & Its Neighbors. 3 Hours.**

This course will examine the politics, economics, and foreign policy of Russia and other postcommunist states in Central Asia and Europe. The class will investigate the relationship between Russia and its neighbors, the common experience of communism and postcommunism, and questions about democracy and authoritarianism. Along with studying Russia in detail, we will also examine cases of successful political and economic transition, cases of failed political transitions, and inconclusive cases.

**INTL 380. Selected Topics in International Affairs. 1 to 4 Hours.**

Seminars on selected topics in International Affairs offered on an occasional basis.

**INTL 381. The Bomb: Nuclear Weapons Past, Present and Future. 3 Hours.**

This course will provide a survey of the historical, development, deployment, spread and control of nuclear weapons worldwide, and will examine the evolving contemporary debate on their significance, potential uses, and the means for restraining their further proliferation.

**INTL 382. Global Issues. 3 Hours.**

A study of major global issues, such as Third World poverty, the population explosion, hunger in the poor countries and food consumption in the rich countries, energy use and supplies, environmental deterioration, the appropriate and inappropriate uses of technology, and alternative futures.

**INTL 383. Revolutions & Regime Change. 3 Hours.**

This class will examine the causes and effects of revolutions and regime transitions. In order to understand the complexities and nuances of revolutions and transitions, we will study cases from the 2011 Arab Spring and other regions, including East Europe, Asia, and Latin America. The multi-region approach allows for cross-cultural testing of the theories of regime change and a more nuanced investigation of the causes and consequences of major political, economic, and social change. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**INTL 385. Spengler: Decline of the West. 3 Hours.**

Develop a basic understanding of key events and aspects of world history through the lens of Oswald Spengler's philosophy of world history, politics, international relations, and the crisis of the West in world politics from World War I to the present.

**INTL 420. American Foreign Policy. 3 Hours.**

A study of the forces and factors involved in the formulation and implementation of contemporary United States policy.

**INTL 421. International Conflict. 3 Hours.**

A study of war and the use of force in international affairs with emphasis on the causes of international conflict.

**INTL 422. Empire. 3 Hours.**

A survey of the history, politics, and interaction of various modern empires in world politics. In addition, an inquiry into the debate about America as an empire.

**INTL 423. NGOs in World Politics. 3 Hours.**

An exploration of the changing roles and influence of non-governmental organizations (NGOs) in world politics, with case studies including human rights, hunger relief, environmentalism, population control, women's rights, democratization, peacemaking, and inter-religious dialogue.

**INTL 424. Politics of the United Nations. 3 Hours.**

A study of the evolution of the United Nations, its activities and impact, its use and misuse by member states and other actors, how both the world and the United States need the UN, and the potential for UN adaptation to change.

**INTL 425. America & the Global Economy. 3 Hours.**

This course provides a survey of the politics of the global economy with emphasis on historical developments, concepts, theoretical perspectives, institutions, and contemporary topics. Substantial emphasis is placed on America's role in the global economy, though other economic powers, including the European Union, China, Japan, and India are also examined.

**INTL 450. Senior Directed Study. 1 to 3 Hours.**

Intensive guided study and research on selected topics in any field of international affairs. The instructor, in consultation with the student, will establish the subject for study and the requirements. Enrollment normally is limited to seniors majoring in Government or International Affairs who are of high academic standing.

**INTL 470. Independent Study in International Affairs. 1 to 3 Hours.**

Independent study of selected topics in international affairs at an advanced level. Specific topics vary from semester to semester.

**INTL 477. Senior Seminar. 3 Hours.**

Required of all seniors majoring in International Affairs, this course will provide a discussion of selected theoretical and policy literature from international relations and/or comparative politics. It may also explore a particular theme in modern world affairs, which will vary from year to year. International Affairs majors who pursue the Global Linking Experience will evaluate and document it in a research or creative project, while other students will complete an alternative assignment.

**INTL 480. Advanced Topics in International Affairs. 1 to 4 Hours.**

Selected topics in international affairs at advanced level.

**INTL 490. Advanced Topics in International Affairs and Comparative Government. 1 to 4 Hours.**

Selected topics in international and comparative politics. Subject matter varies.

**INTL 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Internship, Apprentice Program (INTR)

**INTR 301. Internship, Apprentice Program. 1 to 4 Hours.**

Offered as an option within the Apprenticeship Program, this class enables students to earn between one and four credit hours for an internship experience. Students will secure their own internship and the credit hours earned are based on the hours worked per week. A student may take the course multiple times, but cannot exceed more than four total credit hours earned. This course is open to all class years and is offered fall, spring, and summer. Instructor permission is required.

## Latin American & Caribbean Studies (LACS)

**LACS 280. Selected Topics in Latin American & Caribbean Studies. 1 to 4 Hours.**

Selected topics in Latin American & Caribbean Studies at the introductory or intermediate level.

**LACS 320. Americas Seminar I. 4 Hours.**

An interdisciplinary seminar focusing on the historical, political, social, and cultural interrelationships of the nations in our hemisphere. It concentrates on the historical and cultural foundations of Latin America and the Caribbean and explores the topics of race and identity, rural and urban life, authoritarianism and democracy, and national development. The course is conducted in English. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**LACS 321. Americas Seminar II. 4 Hours.**

An interdisciplinary seminar focusing on the historical, political, social, and cultural interrelationships of the nations in our hemisphere. It concentrates on Latin American women, revolution, problems of sovereignty, and the Latin American and Caribbean presence in the United States. The course is conducted in English and may be taken independently of 320. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**LACS 420. Advanced Projects Based Learning. 3 Hours.**

Students apply their knowledge, skills, and experiences in Ibero-American cultural contexts to collaborative, projects-based endeavors that require translanguaging and transcultural competence.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**LACS 480. Advanced Topics in Latin American & Caribbean Studies. 1 to 4 Hours.**

Selected topics in Latin American & Caribbean Studies at the advanced level.

## Mathematics (MATH)

**MATH 120. Appreciation of Mathematics. 3 Hours.**

An exploration of topics which illustrate the power and beauty of mathematics, with a focus on the role mathematics has played in the development of Western culture. This course is designed for students who are not required to take statistics or calculus as part of their studies. Students who previously earned credit for a math course at the 200-level or higher are not permitted to enroll or earn credit for this course.

**MATH 140. Introduction to Statistics. 3 Hours.**

An introduction to statistical thinking and the analysis of data using such methods as graphical descriptions, correlation and regression, estimation, hypothesis testing, and statistical models.

**MATH 160. Calculus for the Social Sciences. 3 Hours.**

A graphical, numerical and symbolic introduction to the theory and applications of derivatives and integrals of algebraic, exponential, and logarithmic functions, with an emphasis on applications in the social sciences. Students may not earn credit for both MATH 160 and MATH 181.

**MATH 170. Functions Modeling Change: A Preparation for Calculus. 3 Hours.**

A study of the mathematical building blocks used to describe behavior seen in natural and social sciences as presented in Calculus I. Topics include: forms and graphs of polynomial, trigonometric, exponential, and logarithmic functions. Additionally, it focuses on the relationship between scientific problems and mathematical expressions. As this course is intended specifically to prepare students for MATH 181, a special emphasis will be placed on using functions to model change. Students who previously earned a grade of 'C' or higher in MATH 160 or MATH 181 are not permitted to enroll or earn credit for this course.

**MATH 181. Calculus I. 3 Hours.**

A graphical, numerical, and symbolic study of the theory and applications of the derivative of algebraic, trigonometric, exponential, and logarithmic functions, and an introduction to the theory and applications of the integral. Suitable for students of both the natural and the social sciences. Students may not earn credit for both MATH 160 and MATH 181.

**MATH 182. Calculus II. 3 Hours.**

A graphical, numerical, and symbolic study of the theory, techniques, and applications of integration, and an introduction to infinite series and/or differential equations.

**Prerequisite:** MATH 181 with a minimum grade of D.

**MATH 201. Modeling & Simulation. 3 Hours.**

A course in scientific programming, part of the inter-disciplinary field of computational science. Large, open-ended, scientific problems often require the algorithms and techniques of discrete and continuous computational modeling and Monte Carlo simulation. Students learn fundamental concepts and implementation of algorithms in various scientific programming environments. Throughout, applications in the sciences are emphasized. Cross-listed as Computer Science 201.

**Prerequisite:** MATH 181 with a minimum grade of D.

**MATH 210. Multivariable Calculus. 3 Hours.**

A study of the geometry of three-dimensional space and the calculus of functions of several variables.

**Prerequisite:** MATH 182 with a minimum grade of D.

**MATH 212. Vector Calculus. 3 Hours.**

A study of vectors and the calculus of vector fields, highlighting applications relevant to engineering such as fluid dynamics and electrostatics.

**Prerequisite:** MATH 182 with a minimum grade of D.

**MATH 220. Linear Algebra. 3 Hours.**

The theoretical and numerical aspects of finite dimensional vector spaces, linear transformations, and matrices, with applications to such problems as systems of linear equations, difference and differential equations, and linear regression.

**Prerequisite:** MATH 182 with a minimum grade of D.

**MATH 221. Statistical Methods I. 3 Hours.**

A study of statistical methods including sampling and experimental design, graphical and numerical summaries, sampling distributions, parametric and non-parametric tests, with applications across disciplines. An emphasis will be placed on choosing appropriate techniques, analyzing data with the openly accessible statistical software R, interpreting analyses, and communicating results to both technical and non-technical audiences.

**Prerequisite:** COSC 235 with a minimum grade of D.

**MATH 240. Ordinary Differential Equations. 3 Hours.**

The theory and application of first- and second-order differential equations including both analytical and numerical techniques.

**Prerequisite:** MATH 182 with a minimum grade of D.

**MATH 250. Introduction to Technical Writing. 1 Hour.**

An introduction to technical writing in mathematics and the sciences with the markup language LaTeX, which is used to typeset mathematical and scientific papers, especially those with significant symbolic content.

**MATH 255. Colloquia!. 1 Hour.**

Students will be exposed to the mathematics colloquium. The colloquia selected will cover a variety of subject areas.

**Prerequisite:** MATH 210 with a minimum grade of C or MATH 212 with a minimum grade of C or MATH 220 with a minimum grade of C or MATH 240 with a minimum grade of C or MATH 250 with a minimum grade of C or MATH 260 with a minimum grade of C or MATH 270 with a minimum grade of C.

**MATH 260. Introduction to Mathematical Proof. 3 Hours.**

An introduction to rigorous mathematical argument with an emphasis on the writing of clear, concise mathematical proofs. Topics will include logic, sets, relations, functions, and mathematical induction. Additional topics may be chosen by the instructor.

**Prerequisite:** MATH 182 with a minimum grade of D.

**MATH 270. Independent Study in Mathematics. 1 to 3 Hours.**

Independent study of selected topics in Mathematics at an intermediate level. Specific topics vary from semester to semester. Permission of the instructor required.

**MATH 280. Selected Topics in Mathematics. 1 to 4 Hours.**

Selected topics in mathematics at the introductory or intermediate level.

**MATH 320. Mathematical Modeling. 3 Hours.**

The study of problem-solving strategies to solve open-ended, real-world problems.

**Prerequisite:** MATH 210 with a minimum grade of D or MATH 220 with a minimum grade of D or MATH 240 with a minimum grade of D.

**MATH 330. Numerical Methods. 3 Hours.**

A study of the theory and computer implementation of numerical methods. Topics include error analysis, zeros of polynomials, numerical differentiation and integration, and systems of linear equations.

**Prerequisite:** MATH 220 with a minimum grade of D.

**MATH 415. Topology. 3 Hours.**

An introduction to topological spaces. Topics will include examples of topological spaces, standard constructions of topological spaces, continuous maps, topological properties, homotopies, homeomorphisms, and simplicial complexes.

**Prerequisite:** MATH 260 with a minimum grade of D.

**MATH 421. Probability and Statistics I. 3 Hours.**

A study of probability models, random variables, estimation, hypothesis testing, and linear models, with applications to problems in the physical and social sciences.

**Prerequisite:** MATH 210 with a minimum grade of D and MATH 260 with a minimum grade of D.

**MATH 422. Probability and Statistics II. 3 Hours.**

A study of probability models, random variables, estimation, hypothesis testing, and linear models, with applications to problems in the physical and social sciences.

**Prerequisite:** MATH 421 with a minimum grade of D.

**MATH 424. Advanced Game Theory. 3 Hours.**

Game Theory is an analytical tool that models strategic interactions. It is widely used in economics, political science, biology, sociology, and psychology. This advanced class is intended to provide a more rigorous introduction to the main concepts and techniques of the field. These techniques will be used to investigate relevant social phenomena, such as evolutionary games, auction theory, the "prisoner's dilemma," the "tragedy of the commons," tacit collusion, competition among firms, and strategic interactions in labor, credit, and product markets. The most important classes of games will be analyzed (zero-sum games, cooperation problems, coordination games, bayesian games, signaling games, etc.), as well as the most important solution concepts (rationalizability, nash equilibrium in pure and mixed strategies, bayesian nash equilibrium, and evolutionarily stable strategies). This course will also introduce students to the main techniques of game-theoretic mathematical modelling.

**Prerequisite:** MATH 210 with a minimum grade of D.

**MATH 431. Abstract Algebra I. 3 Hours.**

The axiomatic development of abstract algebraic systems, including groups, rings, integral domains, fields, and vector spaces.

**Prerequisite:** MATH 220 with a minimum grade of D and MATH 260 with a minimum grade of D.

**MATH 432. Abstract Algebra II. 3 Hours.**

The axiomatic development of abstract algebraic systems, including groups, rings, integral domains, fields, and vector spaces.

**Prerequisite:** MATH 431 with a minimum grade of D.

**MATH 439. Elementary Number Theory. 3 Hours.**

A study of the oldest branch of mathematics, this course focuses on mathematical properties of the integers and prime numbers. Topics include divisibility, congruences, diophantine equations, arithmetic functions, primitive roots, and quadratic residues.

**Prerequisite:** MATH 260 with a minimum grade of D.

**MATH 441. Mathematical Analysis I. 3 Hours.**

A rigorous study of the fundamental concepts of analysis, including limits, continuity, the derivative, the Riemann integral, and sequences and series.

**Prerequisite:** MATH 210 with a minimum grade of D and MATH 260 with a minimum grade of D.

**MATH 442. Mathematical Analysis II. 3 Hours.**

A rigorous study of the fundamental concepts of analysis, including limits, continuity, the derivative, the Riemann integral, and sequences and series.

**Prerequisite:** MATH 441 with a minimum grade of D.

**MATH 445. Nonlinear Dynamics and Chaos Theory. 3 Hours.**

The study of differential equations from a geometric perspective that allows for exploration of two and three-dimensional systems. Topics will include linear systems of equations, linear stability analysis, and bifurcations of nonlinear systems, and chaos theory.

**Prerequisite:** MATH 220 with a minimum grade of D and MATH 240 with a minimum grade of D.

**MATH 446. Partial Differential Equations. 3 Hours.**

A detailed introduction to partial differential equations. Students will develop familiarity with the derivation and solution techniques for various equations including transport equations, the heat equation, wave equation, and Laplace equation.

**Prerequisite:** (MATH 210 with a minimum grade of D or MATH 212 with a minimum grade of D) and MATH 240 with a minimum grade of D.

**MATH 448. Functions of a Complex Variable. 3 Hours.**

An introduction to the analysis of functions of a complex variable. Topics will include differentiation, contour integration, power series, Laurent series, and applications.

**Prerequisite:** MATH 260 with a minimum grade of D.

**MATH 470. Mathematics of Computer Vision. 2 Hours.**

Independent study of selected topics in Mathematics at an advanced level. Specific topics vary from semester to semester.

**MATH 480. Advanced Topics in Mathematics. 1 to 4 Hours.**

Advanced topics in undergraduate mathematics offered occasionally to meet special needs. Typical topics include number theory, foundations of mathematics, topology, and complex variables.

**MATH 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Medicine & the Liberal Arts (MLA)

**MLA 470. Independent Study in Medicine & the Liberal Arts. 1 to 3 Hours.**

Under the guidance of an appropriate faculty member, students will investigate a medical topic from a liberal arts perspective. The course topic must be approved in advance by the coordinators of the Medicine and the Liberal Arts program. Course credit hours (between 1 and 3) are determined by the instructor. Restricted to students declared in the Medicine and the Liberal Arts program.

**MLA 475. Medicine & the Liberal Arts Seminar. 3 Hours.**

An overview of the insights offered by a variety of disciplines regarding situations involving health and healing. While the class will deal with the liberal arts as a whole, special emphasis will be given to the perspectives of the humanities and social sciences. Students will produce a final project articulating a liberal arts viewpoint on a medical topic. This course is required of all students in the Medicine and the Liberal Arts program.

## Middle Eastern and North African Studies (MENA)

**MENA 260. Peace & Conflict. 3 Hours.**

Analyze the peace and conflict resolution in the Middle East. Approaching this topic from a variety of disciplinary perspectives such as interreligious peacebuilding, political science, history, or others, instructors will help students apply a comprehensive approach to understanding conflict and constructing peace through combining the central concepts and findings of modern peace building/conflict management research. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**MENA 280. Selected Topics in Middle Eastern & North African Studies. 1 to 4 Hours.**

Selected topics in Middle Eastern and North African Studies at the introductory or intermediate level.

**MENA 301. Middle Eastern Film. 3 Hours.**

An introduction to the diverse cultures of the Middle East through the viewing a series of films that portray aspects such as ideas, customs, and social behaviors of various countries within the Arab world. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**MENA 354. Middle Eastern & North African Studies: An Area Studies Seminar. 3 Hours.**

The area studies approach makes sure the political, geographical, historical, anthropological and religious influences of the Middle East/ North African region will be explored throughout the course. The religion of Islam will be explored through its engagement in particular places and spaces. Students will differentiate between how the politics and cultural context of one place directly influence the way Islam is practiced in, for example, the Gulf as opposed to Turkey. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**MENA 380. Special Topics in Middle Eastern & North African Studies. 1 to 4 Hours.**

Seminars on selected topics in Middle Eastern and/or North African Studies offered on an occasional basis.

**MENA 448. Middle Eastern & North African Studies Senior Capstone. 3 Hours.**

The Senior Capstone is designed to help students focus and integrate their knowledge of the Middle Eastern and North African (MENA) region. Each student will complete an independent research project focusing on a specific problem or region from an interdisciplinary perspective.

**Prerequisite:** MENA 354 with a minimum grade of C.

## Military Science (MILS)

**MILS 101. Military Leadership I. 0 to 1 Hours.**

A basic orientation to ROTC and the U. S. Army. Course topics include leadership, military customs and courtesies, map reading, the profession of arms, the Army values, and healthy lifestyle. Leadership laboratory, one weekend leadership laboratory and Physical Training is required in addition to the weekly labs for contracted and scholarship cadets. Open to first- and second-year students or by permission of instructor.

**MILS 102. Military Leadership I. 0 to 1 Hours.**

A continuation of Military Science 101. Course topics include leadership, US Army unit overview, Army values, warrior ethos, communication and Army writing style. Leadership laboratory, one weekend leadership laboratory and physical training is required in addition to the weekly labs for contracted and scholarship cadets. Open to first- and second-year students or by permission of instructor. Note: contracted and scholarship cadets may be selected for a one month long Cadet Initial Entry Training assignment at Fort Knox, KY at the end of their first or second year of enrollment.

**Prerequisite:** MILS 101 with a minimum grade of D.

**MILS 201. Military Leadership II. 0 to 2 Hours.**

The study of the importance of character in leadership and decision making. Course topics include cultural awareness, leadership theory, analytical and critical thinking, problem solving, troop leading procedures and military ethics. Leadership laboratory, one weekend leadership laboratory and physical training is required in addition to the weekly labs for contracted and scholarship cadets. Open to second-year students with permission of instructor.

**Prerequisite:** MILS 102 with a minimum grade of C.

**MILS 202. Military Leadership II. 0 to 2 Hours.**

The study of basic Army operations and the application of military leading principles. Course topics include Army doctrine and symbols, offensive and defensive operations, team building, unified land operations, tactics, equal opportunity, first aid, and emergency preparedness. Leadership laboratory, one weekend leadership laboratory and physical training is required in addition to the weekly labs for contracted and scholarship cadets. Open to second-year students with permission of instructor.

Note: contracted and scholarship cadets may be selected for Cadet Initial Entry Training at Fort Knox, KY at the end of their first or second year of enrollment.

**Prerequisite:** MILS 201 with a minimum grade of C.

**MILS 215. American Military History. 3 Hours.**

A chronological review of the people, events, and trends that affected the development and employment of the United States Army from its colonial beginnings through the present. Students will combine directed readings, individual research, and classroom instruction to analyze themes from history to identify an 'American Way of War,' assess the manner in which it evolved, and project requirements for future change.

**MILS 301. Military Leadership III. 3 Hours.**

The study of advanced military leadership topics and the application of the war fighting functions. Course topics include squad and platoon level tactics, mission rehearsals, maneuver, mission command, individual Army briefs, and training management. One weekend leadership laboratory and physical training is required in addition to the weekly labs. Course is only available to students that are on scholarship or contracted cadets.

**Prerequisite:** MILS 202 with a minimum grade of C.

**MILS 302. Military Leadership III. 3 Hours.**

The study and application of situational leadership in a complex environment. Course topics include emotional intelligence, negotiating, platoon tactics, reconnaissance, motivating soldiers, and combat multipliers. One weekend leadership laboratory and physical training is required in addition to the weekly labs. Course is only available to students that are on scholarship or contracted cadets.

**Prerequisite:** MILS 301 with a minimum grade of C.

**MILS 401. Military Leadership IV. 3 Hours.**

A comprehensive study of leadership, training management, and the Army Officer Corps. Course topics include unit training management, risk management, training assessment, individual performance evaluation, diversity, resilience, self development, career planning, cultural awareness, and the law of land warfare. Additionally, senior cadets plan and execute staff functions for unit planning, training and administration. One weekend leadership laboratory and physical training is required in addition to the weekly labs. Course is only available to students that are on scholarship or contracted cadets.

**Prerequisite:** MILS 302 with a minimum grade of C.

**MILS 402. Military Leadership IV. 3 Hours.**

A comprehensive study of the contemporary operating environment, individual development, and company staff functions. Course topics include study of the geographic combatant commands, unified land operations, battle analysis, platoon leadership, unit operations, completion of a military staff ride and oral presentations. Additionally, senior cadets plan and execute staff functions for unit planning, training and administration. One weekend leadership laboratory and physical training is required in addition to the weekly labs. Course is only available to students that are on scholarship or contracted cadets.

**Prerequisite:** MILS 401 with a minimum grade of C.

## Modern Languages, Literatures (MLLC)

**MLLC 223. Modern Languages Seminar in Global Perspectives: Different Identities, Common Destinies. 3 Hours.**

An interdisciplinary seminar in which students explore the diversity and commonality of human experience across a variety of regions in the world in preparation for making positive contributions as citizens in a global society. Conducted in English by modern language faculty. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**MLLC 280. Selected Topics in Modern Languages, Literatures, and Cultures. 1 to 5 Hours.**

Selected topics in Modern Languages, Literatures, and Cultures at the introductory or intermediate level.

**MLLC 301. Intercultural Learning & Language Acquisition Abroad. 1 Hour.**

This seminar is designed for students who intend to study abroad the following semester. Based on a developmental framework of intercultural competence, the course focuses on strategies that will guide intercultural learning during the immersion experience. Additionally, informed by research on second language acquisition, the course discusses strategies for successful target language proficiency development applicable across languages. Seminar conducted in English.

**MLLC 302. Reflective Re-Entry from International Study. 1 Hour.**

Designed to be taken upon return from a semester abroad, this seminar uses the developmental framework of intercultural competence. Students will critically reflect on their experiences of study abroad and reentry, articulate their learning for diverse audiences, and apply their learning to unfamiliar cultural contexts. Combining perspectives from international study in various cultures, the course explores the commonalities and differences among experiences, drawing to the fore the transferable intercultural competence and consolidating its growth through reflection. Seminar conducted in English.

**MLLC 480. Advanced Topics in MLLC. 1 to 4 Hours.**

The study of selected topics at the advanced level in Modern Languages, Literatures and Cultures.

## Music (MUS)

**MUS 100. Men's Glee Club. 1 Hour.**

The study and performance of selected choral literature for men's voices from the Renaissance to the contemporary period. Requirements may include performance at convocations throughout the semester, a family weekend concert, a Christmas concert, and a spring concert. Audition required.

**MUS 101. Wofford Singers. 1 Hour.**

The study and performance of selected choral literature for mixed voices from the Renaissance to the contemporary period. Requirements may include performance at convocations throughout the semester, a family weekend concert, a Christmas concert, and a spring concert. Audition required.

**MUS 102. Women's Choir. 1 Hour.**

The study and performance of selected choral literature for women's voices from the Renaissance to the contemporary period. Requirements may include performance at convocations throughout the semester, a family weekend concert, a Christmas concert, and a spring concert. Audition required.

**MUS 150. Concert Band. 1 Hour.**

The study and performance of selected band literature with emphasis on stage and band training. Requirements may include performance in a family weekend concert, a Christmas concert, and a spring concert.

**MUS 151. String Ensemble. 1 Hour.**

The study and performance of selected string literature from the Renaissance to the contemporary period. Requirements may include several performances on campus and in the community.

**MUS 170. Concert Attendance. 0 Hours.**

An introduction to music of all genres and styles for the importance of experiencing live concerts as well as understanding and appreciating visual, aural, and communal aspects of live performances.

**MUS 201. Music Appreciation. 3 Hours.**

An introduction to the art of perceptive listening through a general survey of music from the Renaissance to the present time.

**MUS 202. The Elements of Music. 3 Hours.**

The development of aural recognition and identification of musical patterns. The development of proficiency in recognizing and responding to the symbols of music notation.

**MUS 203. History of American Music. 3 Hours.**

The study of American music from 1620 to the present focusing on elements of various musical cultures (Western and Eastern Europe, Africa, Latin America) that have influenced the American style of music, along with genres, rhythms, and musical styles which are characteristic of the United States.

**MUS 204. World Music. 3 Hours.**

A study of selected non-western music cultures, past and present, introducing a variety of musical concepts and styles from around the world, reflecting the inter-relationships between musical styles and the cultures in which they are created and interpreted. Successful completion of this course satisfies the Cultures & Peoples requirement for graduation.

**MUS 260. Private Instruction. 1 Hour.**

Applied music in the form of vocal/instrumental instruction for students simultaneously enrolled in a music ensemble. This course is only open to students who declared a Minor in Music Performance. Students may earn a maximum of four credit hours. A fee for this course will be assessed to the student. Instructor permission required.

**MUS 280. Special Topics in Music. 1 to 4 Hours.**

Selected topics in music at the introductory or intermediate level.

**MUS 285. Jazz Ensemble. 1 Hour.**

The study and performance of selected jazz ensemble literature with emphasis in the styles of blues, swing, latin, rock, jazz fusion and improvisation. Requirements include performances at campus/community events and participation in the Wofford College Athletic Band (commonly known as Pep Band). Students not enrolled in Jazz Ensemble may be allowed to participate in the Athletic Band without course credit. Instructor permission required.

**MUS 301. Chamber Singers. 1 Hour.**

Chamber Choir promotes the quality performance of exquisite choral music in an artistic setting. The repertory of this ensemble ranges from Medieval Carols and secular pieces to more contemporary settings of liturgical and secular choral music. The Chamber Singers course integrates advanced elements of auditory, vocal, kinesthetic, and aesthetic dimensions of choral music through analysis, rehearsal and performance. Particular attention will be paid to ensemble participation in the context of rehearsal and performance.

**MUS 302. Instrumental Chamber Music. 1 Hour.**

Provides weekly rehearsals and instruction for small ensembles. Ensembles can be duos, trios, quartets, etc., based on the student's availability and schedule. This is an advanced course for instrumentalists who wish to continue their playing at a more challenging level. Instructor permission required.

**MUS 303. Diction. 2 Hours.**

Diction will focus on the study of the International Phonetic Alphabet (IPA) and its application to the singing of English, Italian, German, and French languages through lecture, Demonstration, and class performances of appropriate song literature in each of these languages. Must be declared as minor in Music - Vocal Performance to enroll.

**MUS 351. Wofford Concert Orchestra. 1 Hour.**

Wofford Concert Orchestra is an orchestral ensemble consisting of all families of instruments (strings, woodwinds, brass and percussion) that will expose students to standard orchestral literature. The Wofford Concert Orchestra will be open to students with prior experience performing on their instruments, based on audition and instructor approval.

**MUS 480. Advanced Topics in Music. 1 to 4 Hours.**

Selected topics in music at the advanced level.

## Neuroscience (NEUS)

**NEUS 251. Introduction to Research I. 1 to 3 Hours.**

Research experience is an integral skill required in the field of neuroscience. This course provides an opportunity for students to become engaged in neuroscience-based research projects early in their undergraduate education. Students should contact the Program Coordinator or individual neuroscience faculty to make course arrangements.

**NEUS 252. Intro to Research II. 1 to 3 Hours.**

Research experience is an integral skill required in the field of neuroscience. This course provides an opportunity for students to become engaged in neuroscience-based research projects early in their undergraduate education. Students should contact the Program Coordinator or individual neuroscience faculty to make course arrangements.

**NEUS 280. Selected Topics in Neuroscience. 1 to 4 Hours.**

Selected topics in Neuroscience at the introductory or intermediate level.

**NEUS 321. Neuroscience Seminar I. 1 Hour.**

An interdisciplinary seminar discussing current topics in neuroscience through the examination of literature at the molecular neurobiology, neuroanatomy, neurophysiology, and behavioral levels. This course is appropriate for Biology and Psychology majors and those pursuing the program in Neuroscience. Junior or senior standing required.

**NEUS 322. Neuroscience Seminar II. 1 Hour.**

An interdisciplinary seminar discussing current topics in neuroscience through the examination of literature at the molecular neurobiology, neuroanatomy, neurophysiology, and behavioral levels. This course is appropriate for Biology and Psychology majors and those pursuing the program in Neuroscience. Junior or senior standing required.

**NEUS 351. Human Neuroscience Laboratory. 3 Hours.**

This laboratory course will provide an opportunity to gain expertise in the quantification and analysis of human behavior and neurophysiological signals using advanced electrophysiological techniques such as GSR, EOG, EEG, or ERP.

**Prerequisite:** PSY 230 with a minimum grade of D.

**NEUS 447. Neuroscience Research Capstone I. 4 Hours.**

This course is designed to permit students to learn a research technique and obtain training in the use of scientific methodology in the field of neuroscience. Specific course objectives include: hands-on experience in a neuroscience research technique, learning appropriate data collection and analysis techniques, and learning how conclusions based on empirical data are formed and disseminated as research articles.

**Prerequisite:** PSY 200 with a minimum grade of D or BIO 351 with a minimum grade of D or BIO 352 with a minimum grade of D or BIO 353 with a minimum grade of D or BIO 354 with a minimum grade of D or BIO 355 with a minimum grade of D.

**NEUS 448. Neuroscience Research Capstone II. 0 Hours.**

This course is designed to permit students to learn a research technique and obtain training in the use of scientific methodology in the field of neuroscience under conditions where awarding course credit is inappropriate. Such conditions include research conducted as part of a paid stipend, research conducted in off-campus laboratories, or research conducted as part of another college course. Specific course objectives include: hands-on experience in a neuroscience research technique, learning appropriate data collection and analysis techniques, and learning how conclusions based on empirical data are formed and disseminated as research articles.

**NEUS 480. Advanced Topics in Neuroscience. 1 to 4 Hours.**

Selected topics in Neuroscience at the advanced level.

## Philosophy (PHIL)

**PHIL 201. World Philosophy. 3 Hours.**

An introduction to indigenous philosophical traditions from Africa, the Middle East, the Americas, and Asia. The course will examine the different responses these traditions have to metaphysical and epistemological questions: of the fundamental nature of reality; of the nature of the world and cosmos, and of the human place therein; and of what counts as, and how we can acquire, knowledge or wisdom. The approaches we find in these traditions will be compared and contrasted with the approaches typically found in Western philosophical traditions. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**PHIL 202. Asian Philosophy. 3 Hours.**

An introduction to the philosophical traditions of South and East Asia, focusing on India, China, and Japan. The course will examine the different understandings these traditions have of the human condition, what practices each considers to be central to living 'the good life,' and how these answers differ from those typically found in Western philosophical traditions. Social, ethical, and aesthetic questions will be emphasized throughout the course. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**PHIL 203. Problems of Philosophy. 3 Hours.**

An exploration of philosophy through analysis and discussion of selected philosophical texts and problems. Sample topics include the relation of mind and body, free will and determinism, moral relativism and moral truth, and the nature of knowledge and belief. Emphasis is placed on oral and written communication skills. Open only to freshmen and sophomores during the regular semesters; open to all students in the summer sessions.

**PHIL 204. Introduction to Ethics. 3 Hours.**

An introduction to moral philosophy that exposes students to major ethical theories and problems. Utilitarianism, duty-based ethics, virtue ethics, and the relationship between morality and religion are sample topics. Examples are drawn from areas including history, politics, medicine, media, and personal relationships.

**PHIL 205. Philosophy of Food. 3 Hours.**

An exploration of how food relates to major areas of philosophical inquiry, including metaphysics, epistemology, aesthetics, ethics, and political theory. Topics include the nature of food, food as art, biotechnology, the ethics of eating animals, human rights and food safety, cultural identity, and the politics of global food distribution and production.



**PHIL 206. Reasoning & Critical Thinking. 3 Hours.**

A course aimed at developing the student's ability to evaluate arguments and other informative prose and to construct arguments with greater cogency and effectiveness. The course employs only a minimal amount of formal logic.

**PHIL 210. Bio-Medical Ethics. 3 Hours.**

A survey of ethical issues that arise in connection with research, medicine, and biotechnologies. Topics such as right to healthcare, research on human subjects, euthanasia, abortion, cloning, genetic selection, disabilities, and the biomedical enhancement of human capacities will be examined. Students will be trained in philosophical ethics and argumentation, and the resources medical professionals need to ethically assess difficult questions.

**PHIL 214. Philosophy in Practice. 3 Hours.**

An introduction to philosophy with an emphasis on applying philosophical theories in practice. Traditional philosophical readings are paired with project-based learning to enable students to employ philosophy to guide their ethical decision-making, explore the meanings and implications of their relationship to society and the larger world, and practice intentional living. Practices studied may include: Socratic inquiry into the good life; phenomenological observation and consulting; phenomenological and hermeneutic interviewing research; and philosophical counseling.

**PHIL 215. Environmental Ethics. 3 Hours.**

An exploration of the challenges presented by the ethical analysis of environmental issues. The course explores both the theoretical and practical aspects of these issues.

**PHIL 216. Social & Political Philosophy. 3 Hours.**

An introduction to some of the most influential theories of Western social and political thought. Topics include the nature and legitimacy of political authority and democracy, the role of morality in society, the duties and responsibilities of citizens, and the challenges of diversity and inclusion. Multicultural and feminist perspectives are components of the course.

**PHIL 222. Human Nature. 3 Hours.**

An examination of selected classical and modern conceptions of the human being. Aristotle, Darwin, sociobiology, and our relation to other animals are among topics explored.

**PHIL 230. Gender, Race and Science. 3 Hours.**

An examination of issues arising at the intersection of feminist philosophy, philosophy of race, and the history and philosophy of science. The primary goal of this course is to come to a deeper and more critically reflective understanding of both the history of the concepts of race and gender and the various roles that these concepts continue to play in contemporary science.

**PHIL 280. Selected Topics in Philosophy. 1 to 4 Hours.**

Selected topics in Philosophy at the introductory or intermediate level.

**PHIL 292. Philosophy for Children. 3 Hours.**

A study of the theory and practice of doing philosophy with children at the pre-secondary level. Course involves supervised work facilitating philosophical inquiry with students in elementary school classrooms.

**PHIL 301. Philosophy of Law. 3 Hours.**

An introduction to basic issues in the philosophy of law, such as methods of legal reasoning, the relation between legal norms and moral values, and the scope and foundations of rights. Seminal concepts of concern to law are discussed, including liberty, justice and punishment. Readings include classical and contemporary essays in jurisprudence, studies of specific US and international cases, and selected Supreme Court decisions.

**PHIL 302. Philosophy of Science. 3 Hours.**

Examine the methods, aims, and limits of scientific inquiry, with special attention to the evaluation and construction of arguments. Explore the logic of scientific explanation and the nature of scientific laws, theories, and change.

**PHIL 303. Feminist Philosophy. 3 Hours.**

A study of contemporary feminist thought with an emphasis on the variety of responses to women's lived experiences. Topics may include gender socialization, the nature of (gender) oppression, sexuality and sexual violence against women, popular culture and self-image, abortion, and pornography. This course may count toward the theory requirement of the Gender Studies Program.

**PHIL 304. Philosophy through Literature. 3 Hours.**

A discussion and analysis of classical and contemporary philosophical issues as they are presented in selected works of literature, with attention to the question of how philosophical ideas are conveyed through this alternative medium. Topics include: political philosophy; responsibility, free will, and determinism; the nature and purpose of humanity; and the meaning of life.

**PHIL 305. Philosophy of Race. 3 Hours.**

What is race and how is it socially constructed? What is racism and why is racism morally wrong? This seminar introduces students to the philosophy of race through a survey of central theoretical analyses and debates. Topics may include the metaphysical status of race, the relationship between the concepts of race and racism, the subjectivity or the experience of race, and the examination of possible models for addressing racism and racial injustice.

**PHIL 310. Philosophy of Art. 3 Hours.**

An examination of philosophical issues concerning the creation and appreciation of works of art. Examples for study will be drawn from painting, sculpture, music and other visual, literary and dramatic arts. Topics may include art and morality, the definition of the concept of art, the nature of artistic value, the expression of emotion in art, and the relation between art and truth.

**PHIL 311. Principles of Ethics. 3 Hours.**

A study of the major systems of ethical thought, both ancient and modern, and their development. Emphasis is on the critical examination and reevaluation of those systems in light of contemporary social developments.

**PHIL 312. Language, Truth & Ethics. 3 Hours.**

An in-depth study of the issues surrounding the ethical norms associated with interpersonal communication. The course will explore the views of philosophers from different times and traditions on such topics as truth and truthfulness; lying, misleading, and other forms of deception; secrecy, trust, and promise-keeping. The overall aim of the course will be to articulate an account of the ethics of speaking and communication that is adequate to the complexity of the matter.

**PHIL 315. Philosophy of Love and Sex. 3 Hours.**

A seminar on the nature and morality of love, sex, and their social meanings. Topics to be discussed may include, but are not limited to, familial love, marriage, homosexuality, prostitution, pornography, erotic love, and sexual objectification. Emphasis is on the study of how gender norms inform our understanding of the controversies surrounding these topics.

**PHIL 316. Mind, Bodies, and Selves. 3 Hours.**

Examines the concepts of minds, bodies, selves and the relationships among them through an exploration of issues at the intersection of philosophy of mind, psychology, neuroscience, and ethics paying special attention to scientific claims regarding mental health and mental illness.

**PHIL 321. Symbolic Logic. 3 Hours.**

An introduction to the techniques of modern symbolic logic with an emphasis on ordinary language applications. Topics include categorical logic, statement logic, and predicate logic. Additional topics vary and may include modal, deontic, and non-classical logics.

**PHIL 322. Decision Theory and Philosophy. 3 Hours.**

An introduction to decision theory and its applications to philosophical issues in epistemology, philosophy of religion, ethics, and political philosophy. Decision theory is a set of principles, concepts and methods that attempts to answer questions like: What does it mean to act rationally? How should uncertainty and risk factor into decision making?.

**PHIL 331. African Philosophy. 3 Hours.**

An introduction to traditions of African philosophical thought focusing on problems of definition, sources, function, and methodology. The course compares the scope and application of African thought on basic philosophical questions of human existence with thought from recent developments in Western philosophy on the same questions. This course may count toward the requirements for program in African, African-American Studies. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**PHIL 333. Chinese Philosophy. 3 Hours.**

An in-depth study of the notions of personhood, human nature, moral responsibility, and social justice as they are developed in the major traditions of classical Chinese thought. Readings may include texts from the Confucian, Daoist, Neo-Confucian, and Buddhist traditions. Knowledge of Chinese language is not required for this course. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**PHIL 335. Buddhist Philosophy. 3 Hours.**

An in-depth study of key concepts in Buddhist philosophy, including personhood, karma, rebirth, and the nature of reality, as developed within Buddhist traditions of India and Tibet. Particular emphasis is placed on arguments used by Buddhist thinkers to advocate or critique philosophical positions held by others, both Buddhist and non-Buddhist. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**PHIL 340. Philosophy of Medicine. 3 Hours.**

This course will provide a study of the practice of medicine through an examination of its fundamental concepts and values, such as the nature of health and disease, the phenomenology of illness, the goals of medical practice, and the roles of individual autonomy and communal interest.

**PHIL 342. Philosophy of Religion. 3 Hours.**

An examination of the meaning of religious beliefs and of arguments about their truth or falsity. The course focuses on religious beliefs about God and includes some discussion of different ideas of God within the Western tradition. This course may count toward requirements for the major in Religion.

**PHIL 344. Philosophy of Biology. 3 Hours.**

An exploration of conceptual and methodological problems in biological science. Topics include nature of species, concepts of function and adaptation in biology, the relationship between evolution and morality, and the notion of gender and race as biological categories. Students will reflect critically on scientific practice and the place of science in a broader context.

**PHIL 345. Philosophy of Language. 3 Hours.**

An exploration of major themes in the philosophy of language, especially as they have developed in the 20th and 21st centuries. Topics may include the nature of language; meaning and reference; metaphor and other non-literal uses of language; and the philosophical implications of contemporary research in linguistics and cognitive psychology.

**PHIL 347. Epistemology. 3 Hours.**

An introduction to central topics in epistemology including the nature, sources, and structure of scientific, moral, and religious belief, justification, and knowledge as well as skeptical challenges to their legitimacy.

**PHIL 348. Metaphysics. 3 Hours.**

An introduction to concepts and issues in metaphysics, such as the mind-body problem and the nature of the basic entities that constitute the universe. The course includes a consideration of differing positions on these issues and gives students the opportunity to develop, articulate, and defend their own positions.

**PHIL 351. Ancient Western Philosophy. 3 Hours.**

An exploration of ancient Western philosophical thought. Topics include the nature, purpose, and best life of persons; justice; the nature and order of the physical world; and the nature of truth. Emphasis is on discussion of primary texts drawn from pre-Socratic fragments and from the works of Plato, Aristotle, and select Hellenistic and Roman philosophers.

**PHIL 352. Early Modern European Philosophy. 3 Hours.**

A historical survey of the rise of modern European philosophy in its cultural setting during the 17th and 18th centuries. Emphasis is on the study of selected primary texts, from Descartes to Hume, in relation to the philosophical, religious, and scientific thought of their day.

**PHIL 353. 19th Century European Philosophy. 3 Hours.**

A survey of the development of 19th-century philosophy beginning with Immanuel Kant. The course examines Kant's legacy in subsequent thinkers such as G.W. F. Hegel, Karl Marx, Soren Kierkegaard, and John Stuart Mill. Issues for discussion include the role of human cognition in constituting reality, the rational basis of faith, the nature of individual liberty, and socio-economic determinants of belief.

**PHIL 354. Existentialism. 3 Hours.**

A survey of ideas and authors in the existentialist tradition. The course examines core ideas of existential philosophy such as freedom, authenticity, anxiety, absurdity, and awareness of death as developed by thinkers like Kierkegaard, Nietzsche, Jaspers, Marcel, Heidegger, Sartre, and Beauvoir. Selected films and literary works may supplement written texts.

**PHIL 355. Phenomenology. 3 Hours.**

An exploration of the phenomenological movement in philosophy focused on thinkers such as Husserl, Heidegger, Arendt, Merleau-Ponty, and Gadamer. The course examines core ideas of phenomenology such as intentionality, embodiment, the life-world, the critique of the theoretical knowing, and the subjectivity of consciousness. Selected poetry and short films may be used to supplement written texts.

**PHIL 357. The Analytic Tradition. 3 Hours.**

A study of landmark works in analytic philosophy from the late 19th century to the present, focusing on figures such as Bertrand Russell, A. J. Ayer, and Ludwig Wittgenstein. The course explores the extent to which a critical understanding of language illuminates philosophical issues in metaphysics, ethics, and epistemology.

**PHIL 358. Ancient Cosmology & Worldview. 3 Hours.**

An examination of the cosmologies and worldviews of the ancient Mediterranean and Middle East, especially as precursors to modern science. Special attention will be paid to the problems of working with texts conceived within the framework of different conceptions of the world and cultures historically linked to, but significantly distinct from, our own.

**PHIL 380. Selected Topics in Philosophy. 1 to 3 Hours.**

Seminars on selected topics in Philosophy offered on an occasional basis.

**PHIL 450. Senior Directed Study. 3 Hours.**

A course of individualized directed study in which the student prepares a written paper (typically a revised and expanded version of earlier work) and makes an oral presentation on the paper topic. Required of all students majoring in philosophy. Normally to be completed in the fall of the senior year.

**PHIL 470. Independent Study in Philosophy. 1 to 3 Hours.**

A course in which the student pursues independently, under the guidance of a member of the department, a specific philosophical topic of interest.

**PHIL 480. Advanced Topics in Philosophy. 1 to 4 Hours.**

Selected topics in Philosophy at the advanced level.

**PHIL 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Physical Education (PHED)

**PHED 102. Fitness. 1 Hour.**

Designed to develop the skills and knowledge for health-enhancing fitness and wellness activities. Including: safety and equipment; stretching; core exercises; distance running; and, interval and circuit training.

**PHED 103. Tennis. 1 Hour.**

Provides students with fundamentals of tennis and the opportunity to compete against other students in the game of tennis. Including: terminology; safety and equipment; rules of the sport; skill instruction; service and return of serve; offensive and defensive strategies; and, court positioning.

**PHED 104. Racquetball. 1 Hour.**

Focused on developing fundamental racquetball skills and knowledge. Including: terminology; safety and equipment; rules of the sport; types of racquetball games; service and return of serve; offensive and defensive strategies; and, court positioning.

**PHED 105. Softball. 1 Hour.**

Students will develop and learn the fundamentals of the sport of softball. Including: safety and equipment; rules of the sport; skill instruction; and, offensive and defensive strategies.

**PHED 106. Karate. 1 Hour.**

Provides students with various training styles of martial arts. Including: terminology; safety; body positioning & stance; blocking, hand and kicking technique; and, skill development.

**PHED 107. Dance. 1 Hour.**

Students will develop fundamental dancing skills based on the instructor's area of expertise and knowledge. Including: history, terminology, safety, dance movements, and positioning.

**PHED 108. Special Activities. 1 Hour.****PHED 109. Team Sports. 1 Hour.**

## Physics (PHY)

**PHY 103. Physics: Science in Context. 3 Hours.**

Students will explore the features that make science an important way of understanding the natural world. This exploration will focus on science-based topics and issues important in our contemporary world.

**PHY 104. Physics: Concepts & Methods (with lab). 4 Hours.**

A study of topics selected to introduce students to basic concepts in physics and/or astronomy, and to the scientific method.

**PHY 108. Astronomy (with lab). 4 Hours.**

A survey course in astronomy which includes observational astronomy, the solar system, stellar structure and evolution, galaxies, cosmological models, and a general introduction to the scientific method.

**PHY 110. Introduction to Engineering Science. 1 Hour.**

An analysis of introductory level engineering projects. Students will engage in practices (design, build, test) that form the critical foundations in the engineering profession which includes professional and societal issues related to engineering science and software tools such as spreadsheets and CAD design.

**PHY 121. General Physics I (with lab). 4 Hours.**

A study of mechanics, heat, light, sound, electricity, magnetism, and modern physics using algebra, trigonometry, and limits.

**PHY 122. General Physics II (with lab). 4 Hours.**

A continuation of PHY 121 in the study of mechanics, heat, light, sound, electricity, magnetism, and modern physics using algebra, trigonometry, and limits.

**Prerequisite:** PHY 121 with a minimum grade of D.

**PHY 141. Physics for Science & Engineering I (with lab). 4 Hours.**

A calculus-based study of mechanics, heat, light, sound, electricity, magnetism, and modern physics suitable for those majoring in areas such as physics or chemistry and for those in pre-engineering. Students may take MATH 181 concurrently.

**Prerequisite:** MATH 181 with a minimum grade of C.

**PHY 142. Physics for Science & Engineering II (with lab). 4 Hours.**

A continuation of PHY 141 in a calculus-based study of mechanics, heat, light, sound, electricity, magnetism, and modern physics suitable for majors in areas such as physics or chemistry and programs in pre-engineering.

**Prerequisite:** PHY 141 with a minimum grade of C and MATH 181 with a minimum grade of C.

**PHY 202. Energy. 3 Hours.**

An introduction to the scientific framework behind energy and how this fundamental property of our universe applies to a variety of environmental issues. Students will learn the language scientists use to discuss energy, gain the skills to understand the complexities of energy production from a scientific lens, and learn how these aspects directly impact our community.

**Prerequisite:** PHY 121 with a minimum grade of C or PHY 141 with a minimum grade of C or CHEM 123 with a minimum grade of C or ENVS 150 with a minimum grade of C.

**PHY 204. Medical Physics. 3 Hours.**

A study of the major applications of physics in modern medicine. The course will investigate techniques and instrumentation involved in the health industry.

**Prerequisite:** (PHY 121 with a minimum grade of C and PHY 122 with a minimum grade of C) or (PHY 141 with a minimum grade of C and PHY 142 with a minimum grade of C).

**PHY 206. Electronics (with lab). 4 Hours.**

An elementary course in the principles of electronic devices, circuits, and instruments. It is intended for students of science who desire some understanding of the electronic instrumentation they use.

**Prerequisite:** PHY 122 with a minimum grade of C or PHY 142 with a minimum grade of C.

**PHY 208. Introduction to Astrophysics. 3 Hours.**

Explore the major topics in planetary and stellar astrophysics, with an emphasis on the physical properties behind each astrophysical phenomenon.

**Prerequisite:** MATH 181 with a minimum grade of C and PHY 142 with a minimum grade of C.

**PHY 211. Modern Physics. 3 Hours.**

Examine the major developments in physics since 1895, with emphasis on special relativity, the atom, the nucleus, and 'elementary particles'. MATH 210 or 212 may be taken concurrently.

**Prerequisite:** PHY 142 with a minimum grade of C and (MATH 210 with a minimum grade of C or MATH 212 with a minimum grade of C).

**PHY 221. Mechanics. 3 Hours.**

Classical Newtonian analytical mechanics. Newton's laws are used together with vector analysis to analyze problems in statics and dynamics, with emphasis upon the latter. Problem-solving situations include rectilinear particle dynamics (especially oscillators), general particle dynamics, non-inertial reference frames, central forces, systems of particles, and mechanics of rigid bodies.

**Prerequisite:** (MATH 210 with a minimum grade of C or MATH 212 with a minimum grade of C) and PHY 141 with a minimum grade of C.

**PHY 231. Thermodynamics. 3 Hours.**

Development and application of basic concepts and methods useful in understanding thermal phenomena. The approach is divided into three basic branches: classical thermodynamics, kinetic theory, and statistical mechanics.

**Prerequisite:** (MATH 210 with a minimum grade of C or MATH 212 with a minimum grade of C) and PHY 142 with a minimum grade of C.

**PHY 250. Introduction to Research. 1 Hour.**

An opportunity to learn the elements of research in physics by participating in one of the department's existing research projects. A maximum of four semester hours may be earned in this way. Instructor permission required.

**PHY 280. Selected Topics in Physics. 1 to 4 Hours.**

An opportunity to participate in a special intermediate course offering. Students planning to take this course should consult with the instructor during the previous semester.

**PHY 311. Contemporary Physics. 3 Hours.**

The general physics background of the student serves as a tool for comprehending readings taken from professional physics publications on topics with significant relationship to life outside the laboratory. The course demands substantial progress in technical writing, technical speaking, and technical literature search skills as measured against normal professional requirements in the field.

**Prerequisite:** PHY 331 with a minimum grade of C.

**PHY 321. Optics. 3 Hours.**

The presentation and demonstration of the proper use of several alternative models of the electromagnetic spectrum, including the ray model, the wave model, and the quantum model.

**Prerequisite:** (MATH 210 with a minimum grade of C or MATH 212 with a minimum grade of C) and PHY 142 with a minimum grade of C.

**PHY 331. Electricity and Magnetism. 3 Hours.**

Explore physics and mathematics of the classical description of the electromagnetic field including the experimental and theoretical background for each of Maxwell's equations in both vacuum and matter.

**Prerequisite:** PHY 142 with a minimum grade of C and (MATH 210 with a minimum grade of C or MATH 212 with a minimum grade of C).

**PHY 341. Quantum Physics. 3 Hours.**

The mathematical structure and physical meaning of quantum mechanics, as a fundamental theory of physics, are developed at the intermediate level. Problems are drawn from areas such as the structure of nuclei, atoms, molecules, and crystals.

**Prerequisite:** (MATH 210 with a minimum grade of C or MATH 212 with a minimum grade of C) and PHY 211 with a minimum grade of C.

**PHY 371. Advanced Laboratory I. 1 Hour.**

The first in a series of four semester-long courses focused on experiments and projects that develop the basic experimental skills that a student majoring in physics should have. These include use of standard physics instrumentation, some familiarity with shop tools, laboratory record-keeping and report-writing, and knowledge of ways in which basic physical quantities are measured. This course is the pre-requisite for all advanced laboratory courses. Students may take PHY 211 concurrently.

**Prerequisite:** PHY 142 with a minimum grade of C.

**PHY 372. Advanced Laboratory II. 1 Hour.**

One in a series of four semester-long courses focused on experiments and projects that develop the basic experimental skills that a student majoring in physics should have. These include use of standard physics instrumentation, some familiarity with shop tools, laboratory record-keeping and report-writing, and knowledge of ways in which basic physical quantities are measured.

**Prerequisite:** PHY 371 with a minimum grade of C.

**PHY 373. Advanced Laboratory III. 1 Hour.**

One in a series of four semester-long courses focused on experiments and projects that develop the basic experimental skills that a student majoring in physics should have. These include use of standard physics instrumentation, some familiarity with shop tools, laboratory record-keeping and report-writing, and knowledge of ways in which basic physical quantities are measured.

**Prerequisite:** PHY 371 with a minimum grade of C.

**PHY 374. Advanced Laboratory IV. 1 Hour.**

One in a series of four semester long-courses focused on experiments and projects that develop the basic experimental skills that a student majoring in physics should have. These include use of standard physics instrumentation, some familiarity with shop tools, laboratory record-keeping and report-writing, and knowledge of ways in which basic physical quantities are measured.

**Prerequisite:** PHY 371 with a minimum grade of C.

**PHY 441. Advanced Mechanics. 3 Hours.**

An advanced treatment of topics studied in PHY 221, Mechanics, including Lagrangian mechanics, coupled oscillators, numerical calculations, and other selected topics.

**Prerequisite:** MATH 240 with a minimum grade of C- and PHY 221 with a minimum grade of C-.

**PHY 442. Advanced Electricity and Magnetism. 3 Hours.**

An advanced treatment of topics studied in PHY 331, Electricity and Magnetism, including applications of Maxwell's equations, radiation theory, electrodynamics, and other selected topics.

**Prerequisite:** MATH 240 with a minimum grade of C- and PHY 331 with a minimum grade of C-.

**PHY 451. Research I. 2 Hours.**

Active participation in a research project selected from one of the department's existing projects, or developed earlier in Physics 250 or in coordination with a faculty member. The student is expected to maintain a regular weekly schedule of lab and library work in connection with this project, keep a notebook in standard format, and write a detailed research report to be retained by the faculty member. Permission of instructor required.

**PHY 452. Research II. 2 Hours.**

Active participation in a research project selected from one of the department's existing projects, or developed earlier in Physics 250 or in coordination with a faculty member. The student is expected to maintain a regular weekly schedule of lab and library work in connection with this project, keep a notebook in standard format, and write a detailed research report to be retained by the faculty member. Permission of instructor required.

**PHY 470. Independent Study in Physics. 1 to 3 Hours.**

Study of a specific topic in physics under the direction of a departmental faculty member. The readings, program of research, and written work to be undertaken by the student will be determined in consultation with the instructor.

**PHY 480. Advanced Topics in Physics. 1 to 4 Hours.**

An opportunity to participate in a special advanced course offering. Students planning to take this course should consult with the instructor during the previous semester. Permission of instructor required.

## Psychology (PSY)

**PSY 103. Psychology: Science in Context. 3 Hours.**

Students will explore the features that make science an important way of understanding the natural world. This exploration will focus on science-based topics and issues important in our contemporary world.

**PSY 104. Psychology: Concepts & Methods (with lab). 4 Hours.**

A study of topics selected to introduce students to basic concepts in psychology and to the scientific method.

**PSY 110. Introductory Psychology. 3 Hours.**

This course will provide students with a broad knowledge base of major concepts, theories, and research methods in the field of psychology. A scientific approach will be taken to examine topics to allow students to critically think about and apply psychological principles to their lives. Requires junior or senior standing to enroll and will not apply to the general education science requirement. Students may not earn credit for both PSY 110 and PSY 150.

**PSY 150. Introduction to Psychological Science (with lab). 4 Hours.**

Identical to PSY 110 with a lab component. This course will provide students with a broad knowledge base of the major concepts, theories, and research methods in the field of psychology. Emphasis will be placed on the use of critical thinking skills, and how students can apply psychological principles to their lives. The laboratory section will provide the opportunity to collect, analyze, and interpret data. Student will also understand and develop scientific writing and oral communication skills through revised APA style report and a presentation. Students may not earn credit for both PSY 110 and PSY 150.

**PSY 160. Introduction to Statistics in Psychology. 3 Hours.**

Students will learn basic concepts in descriptive and inferential statistics, emphasizing applications to psychology. The course will also focus on the use of appropriate statistical methods when conducting research, assessing the validity of statistical results in scientific work, and writing scientific results using APA guidelines. Students will learn the necessary fundamental knowledge needed to complete further psychology laboratory courses.

**Prerequisite:** PSY 110 with a minimum grade of D or PSY 150 with a minimum grade of D.

**PSY 161. Research Methods in Psychology. 3 Hours.**

Course is designed to acquaint students with scientific methods used in psychology. Students will acquire skills necessary to design reliable and valid experiments, interpret data, and write scientific reports using APA (American Psychological Association) guidelines. The course covers fundamental methodological, statistical, and writing skills necessary for further laboratory courses.

**Prerequisite:** PSY 160 with a minimum grade of C.

**PSY 220. Abnormal Psychology. 3 Hours.**

The study of the causes of inappropriate behaviors and cognitions (including mental illness) and techniques for redirecting such behaviors and cognitions.

**PSY 230. Biological Psychology (with lab). 4 Hours.**

An introduction to the concepts and experimental techniques of biological psychology. This course covers the scope of genetic, neural, and hormonal processes that underlie behavior.

**Prerequisite:** PSY 161 with a minimum grade of C or PSY 200 with a minimum grade of C.

**PSY 240. Child & Adolescent Development. 3 Hours.**

A survey of child and adolescent development. Major theories about and influences on cognitive, emotional, physical, and moral development are explored.

**PSY 250. Social Psychology. 3 Hours.**

An exploration of the basic questions addressed by social psychology (e.g., how people influence each other) and the classic experiments conducted to test the theories.

**PSY 255. Introduction to Research. 1 to 3 Hours.**

Research experience is an integral skill required in the field of psychology. This course provides an opportunity for students to become engaged in research projects in the Department of Psychology early in their undergraduate education.

**PSY 256. Introduction to Research II. 1 to 3 Hours.**

Research experience is an integral skill required in the field of psychology. This course provides an opportunity for students to become engaged in research projects in the Department of Psychology early in their undergraduate education.

**PSY 260. Personality. 3 Hours.**

The development and identification of personality from an experimental/empirical standpoint.

**PSY 270. Health Psychology. 3 Hours.**

An introduction to the rapidly developing field of health psychology. Our thoughts, feelings, motives, and behaviors influence our physical health, and they are involved in the causes and maintenance of various potentially fatal diseases. This course explores how psychology contributes to an understanding of the genesis, treatment, maintenance, and prevention of a number of medical conditions, as well as implications for health care practice and policy.

**PSY 280. Selected Topics in Psychology. 0 to 4 Hours.**

Selected topics in psychology at the introductory or intermediate level.

**PSY 300. Learning & Adaptive Behavior (with lab). 4 Hours.**

A survey of the general principles of learning and adaptive behavior in humans and lower animals. The course emphasizes the evolution of these mechanisms, their current adaptive function, and current models of learning processes.

**Prerequisite:** PSY 230 with a minimum grade of D.

**PSY 310. Cognitive Science (with lab). 4 Hours.**

A survey of the experimental analysis of how the mind works, including the topics of perception, attention, human memory, language, imagery, problem solving and decision making.

**Prerequisite:** PSY 230 with a minimum grade of D.

**PSY 315. Sensation & Perception (with lab). 4 Hours.**

A study of how the mind processes incoming sensory neural signals in order to create our perception of the world, including topics of transduction, neural coding, and the influence of cognitive processes such as attention, memory and experience.

**Prerequisite:** PSY 230 with a minimum grade of D.

**PSY 325. Abnormal Child Psychology. 3 Hours.**

A seminar course designed to synthesize the various problematic behaviors, cognitions, and emotion in children. Students will integrate the major issues in the assessment, classification, and treatment of childhood disorders as well as evaluate the current scientific literature related to these disorders. An emphasis will be placed on class participation, writing assignments, and reading original journal articles.

**Prerequisite:** (PSY 160 with a minimum grade of C or PSY 200 with a minimum grade of C) and (PSY 220 with a minimum grade of C or PSY 240 with a minimum grade of C).

**PSY 330. Behavioral Neuroscience. 3 Hours.**

An advanced study of the relationship between the human nervous system and behavior. Both case studies and primary research will be used as a model to explore a wide spectrum of behaviors and neural systems not including neurological disorders. The optional lab provides an opportunity to gain expertise in the quantification and analysis of animal behavior as well as advanced electrophysiological techniques such as EEG, EOG, integrated whole nerve recordings, and single neuron recordings in both human and animal models. Students with the appropriate academic background may be exempted from the prerequisite by the instructor.

**Prerequisite:** PSY 230 with a minimum grade of D.

**PSY 333. Clinical Neuroscience. 3 Hours.**

An advanced study of the relationship between the human nervous system and behavior using neurological disorders as the model. Both case studies and primary research will be used to explore a wide spectrum of neurological disorders. Students with the appropriate academic background may be exempted from the prerequisite by the course instructor.

**Prerequisite:** PSY 230 with a minimum grade of D.

**PSY 335. Affective Neuroscience. 3 Hours.**

Affective neuroscience refers to the study of the brain's role in processing emotions, moods and attitudes. In addition to providing an overview of the methods used in affective neuroscience, this course will explore topics including, how emotions are used to make decisions, how emotional responses can be regulated, and how emotional experiences are perceived, attended to and remembered. This course will also examine how these processes break down in affective disorders such as depression, anxiety disorders and post-traumatic stress disorder.

**Prerequisite:** PSY 230 with a minimum grade of D.

**PSY 337. Human Memory. 3 Hours.**

A seminar course designed to examine specific research questions, methods, findings and conclusions about human memory. Students will read, analyze and discuss current and classic original journal articles. Emphasis will be placed on improving skills of critical thinking, article reading, APA style writing, and public speaking in the context of memory research.

**Prerequisite:** PSY 230 with a minimum grade of D.

**PSY 340. Adult Development and Aging. 3 Hours.**

A study of development (cognitive, emotional, and social, through adulthood and aging) and of relevant issues such as Alzheimer's disease and death.

**Prerequisite:** PSY 230 with a minimum grade of D and PSY 240 with a minimum grade of D.

**PSY 350. Social Psychology (with lab). 4 Hours.**

A survey and experiential laboratory course that explores of the concepts, theories, and methods in social psychology (e.g., how people influence each other). Students may take PSY 230 concurrently.

**Prerequisite:** PSY 161 with a minimum grade of C and PSY 230 with a minimum grade of D.

**PSY 351. Psychopharmacology. 3 Hours.**

A study of the actions of psychoactive drugs on the nervous system and behavior. Some prior acquaintance with basic neuroanatomy, neurophysiology, and behavioral techniques is suggested.

**Prerequisite:** PSY 230 with a minimum grade of D.

**PSY 355. Industrial Psychology. 3 Hours.**

A general course designed to acquaint students with the uses of psychology in industrial applications. Emphasis on interviewing, motivating, selling, brainstorming, and related aspects of social psychological processes in industrial settings. Of special interest to students of business, law, and the ministry.

**Prerequisite:** PSY 161 with a minimum grade of D or PSY 200 with a minimum grade of D.

**PSY 360. Applied Statistics for Psychology. 3 Hours.**

A course in statistics and other quantitative methods applied to psychology.

**Prerequisite:** MATH 140 with a minimum grade of D and (PSY 161 with a minimum grade of D or PSY 200 with a minimum grade of D).

**PSY 365. Psychology & the Law. 3 Hours.**

A seminar course designed to examine empirical research and procedural/investigative issues in the interface of psychology and law. This course will explore standard practices in the criminal justice system and psychological research devoted to investigating and improving those practices.

**Prerequisite:** PSY 110 with a minimum grade of D or PSY 150 with a minimum grade of D.

**PSY 420. Clinical Psychology. 3 Hours.**

A course teaching techniques of interviewing clients to diagnose problems, types of therapy and their appropriateness for the various types of problems, the distinction between ineffective and effective therapeutic techniques, and the measurement of the effectiveness of an intervention. This course exposes students to the research, teaching, and clinical service roles performed by clinical psychologists.

**Prerequisite:** (PSY 160 with a minimum grade of D or PSY 200 with a minimum grade of D) and PSY 220 with a minimum grade of D and (PSY 250 with a minimum grade of D or PSY 260 with a minimum grade of D or PSY 270 with a minimum grade of D).

**PSY 430. Psychological Assessment. 3 Hours.**

A study of the function, construction, and application of standardized tests as part of a broader approach to the assessment of the individual. Special emphasis on intelligence testing.

**Prerequisite:** (PSY 161 with a minimum grade of D or PSY 200 with a minimum grade of D) and PSY 220 with a minimum grade of D.

**PSY 448. Internship. 3 Hours.**

A course in which students become involved in the practical application of psychological training. Students work a minimum of ten hours a week in a community program under supervision at such agencies as the Spartanburg Mental Health Center, Broughton State Hospital, Charles Lea Center, or Spartanburg Alcohol and Drug Abuse Commission. Open only to students majoring in Psychology.

**PSY 450. Comparative Cognition. 3 Hours.**

A seminar designed to examine specific research questions, methods, findings, and conclusions about comparative cognition. Students will learn about specific topics within animal cognition by reading, analyzing, and discussing current and classic original journal articles. The course emphasizes improving skills of critical thinking, article reading, writing in APA style, and public speaking in the context of research in comparative cognition. Instructor permission required.

**Prerequisite:** PSY 300 with a minimum grade of D.

**PSY 451. Senior Thesis I. 4 Hours.**

A research-oriented seminar focusing on the mechanisms of behavior, cognition, perception, or social interaction. Students conduct a major experiment with human or animal subjects and present their findings in a written report meeting American Psychological Association journal form requirements. A comprehensive written review of the professional literature in the student's area of research is also required. Students must complete either 451 or 452, but they may complete both courses.

**Prerequisite:** PSY 300 with a minimum grade of D or PSY 310 with a minimum grade of D or PSY 315 with a minimum grade of D.

**PSY 452. Senior Thesis II. 4 Hours.**

A research-oriented seminar focusing on the mechanisms of behavior, cognition, perception, or social interaction. Students conduct a major experiment with human or animal subjects and present their findings in a written report meeting American Psychological Association journal form requirements. A comprehensive written review of the professional literature in the student's area of research is also required. Students must complete either 451 or 452, but they may complete both courses.

**Prerequisite:** PSY 300 with a minimum grade of D or PSY 310 with a minimum grade of D or PSY 315 with a minimum grade of D.

**PSY 460. Advanced Research. 0 to 4 Hours.**

This course is designed to permit students to learn independent research techniques through actually planning and conducting an experiment. A final paper meeting American Psychological Association journal form requirements completes the experiment. Open only to students majoring in Psychology.

**PSY 480. Advanced Topics in Psychology. 1 to 4 Hours.**

An intensive examination of an advanced area of psychology. Specific content is designed to meet the needs and interests of students. Open only to students majoring in psychology.

**PSY 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Religion (REL)

**REL 201. The Hebrew Bible. 3 Hours.**

The life and thought of ancient Israel as seen in a literary, historical, and theological analysis of the Hebrew Bible and the Apocrypha.

**REL 202. The New Testament. 3 Hours.**

The emergence of Christianity in the world as seen from an analysis of New Testament writings.

**REL 210. Archeology of Religion. 3 Hours.**

Students will become familiar with basic concepts in the archaeology of religion. Theoretical and methodological readings will include ritual studies, symbols and semiotics, and the archaeology of sacred space and landscapes. The course will emphasize the archaeology of Middle Eastern, African, Pacific Island, and New World religions alongside Mediterranean, European, East Asian, and contemporary American evidence by means of case studies ranging from prehistoric practices through religiously-charged twentieth century sites. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 220. The Christian Faith. 3 Hours.**

The major convictions of the Christian faith examined historically and in relation to their relevancy for modern life.

**REL 221. Introduction to Islam. 3 Hours.**

This course will introduce students to the religion of Islam through an introduction to the foundational elements of Islamic religious tradition, history, and practice. It will also maintain a focus on developing the skills necessary to use this knowledge in approaching and interpreting current events and media coverage of Muslim societies today. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 222. Introduction to Confucianism. 3 Hours.**

Roughly 2500 years after his death, Confucius still has significant, widespread influence in contemporary society. This course will focus on the nature of Confucian thought and practice, and look to understand the variety of ways Confucianism impacts modern Asian societies. It will do this by first studying early Confucian thinking, as well as the development of Neo-Confucianism. Then the course will turn to highlight the presence of Confucianism in the modern world, both as it appears in contemporary Asian literature, and in the political and social lives of countries such as South Korea, Singapore, Vietnam, and Taiwan. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**REL 240. Religions of the World. 3 Hours.**

An introduction to the major living religions found throughout the world, including Hinduism, Buddhism, Judaism, Christianity, and Islam. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 241. Religions of the World II: The Newer Traditions. 3 Hours.**

An introduction to some of the religions founded during the last two centuries that now have a sizeable global following. Religions to be covered may include several of the following: Mormonism, the Adventist tradition, Jehovah's Witnesses, Christian Science, The Unification Church, Scientology, Falun Gong, Soka Gakkai, the Baha'I Faith, and Wicca.

**REL 260. Introduction to Religion. 3 Hours.**

This course is an introductory study of typical religious beliefs and practices. Characteristic forms of religion will be explored, specific rituals will be investigated, and particular problems in religion will be analyzed. Students will identify some religious aspects of contemporary cultures and will become familiar with methods used in the academic study of religion. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 261. Religious Pilgrimage. 3 Hours.**

This course examines religious thought and practice through the lens of ritual theory. Students explore what various scholars in the field of religious studies and related fields (anthropology and sociology, for example) have said about rites and rituals. Primary topics of focus include the structure and role of initiation rites, the functions of communities, and the lives of religious virtuosos such as mendicants and shamans. Also considered are various types of quest and the roles these journeys play in the formation of identity. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 263. Ethnography of Religion in the Middle East & North Africa. 3 Hours.**

Students will learn about religion in the Middle East and North Africa by way of ethnographic research. Students will learn the step-by-step process of ethnographic fieldwork by coming up with interview questions, trying participant observation and gathering secondary research on the ethnographic method. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 264. Religion & Medicine. 3 Hours.**

A survey of the approaches to medicine and health found in a variety of the globe's religious traditions. In addition, the class will give attention to religious perspectives on key ethical questions that emerge in healthcare, as well as to the question of what roles religion may or may not play in the health of individuals. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 280. Selected Topics in Religion. 1 to 4 Hours.**

Selected topics in Religion at the introductory or intermediate level.

**REL 301. The Historical Jesus. 3 Hours.**

An historical examination of Jesus of Nazareth, with special attention to the problems posed by the literary sources. Current historical and archaeological scholarship will be explored in order to identify what can and cannot be affirmed about Jesus with historical confidence.

**REL 304. Gods of the Biblical World: Polytheism, Magic, and Israelite Religion. 3 Hours.**

This course will situate Israelite religion, both as portrayed in the biblical texts and as reconstructed based on archaeological evidence and in its wider Levantine and Near Eastern religious contexts. This will be done through a comparative religions approach, examining the gods, rituals, and beliefs of Israel's neighbors Ammon, Moab, Phoenicia, Philistia, etc. Ultimately, consideration will be given as to how monotheism arose in Israel and survived through the biblical texts. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 305. Death & Sacrifice in the Ancient World. 3 Hours.**

This course will explore ways that ancient peoples from across the Greek, Roman, and Near Eastern worlds thought about death and the afterlife, including religiously-sanctioned deaths in the form of animal and human sacrifice. Evaluation of archaeological evidence (from tombs and inscriptions) will be coupled with the study of ancient literature in translation. This work will offer context for biblical tropes, like the loss of immortality in the Garden of Eden, poetry surrounding souls in 'sheol' or Hades, and the ideological significance of Jesus' conquest of death. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 306. Angels & Demons: Intermediary Celestial Beings in Historical Perspective. 3 Hours.**

Students will become familiar with the Mediterranean and Near Eastern history of angels and demons. Readings will emphasize Mesopotamian, Egyptian, Levantine, Greek, Roman, and Arabian textual and archaeological sources (from the second millennium BCE to the first millennium CE) underlying angelological and demonological systems in many ancient and modern religious systems. Discussions will explore anthropological and religious studies' theory as well as recurring themes like cultural anxieties, desires for personal protection, and the flexible social roles these 'lesser' celestial beings seem to serve over time.



**REL 307. The Bible & Human Migration. 3 Hours.**

An introduction to the concepts and approaches to human migration in biblical literature. Analysis of the stories of migration, displacement, border crossings, and transcultural identities, including the Exodus, Babylonian exile, Jesus's birth narrative and diaspora writings of the New Testament. Engages students with biblical literature in the modern context of human migration. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 308. Sex & Bodies in the Hebrew Bible. 3 Hours.**

A cultural approach to ancient embodiment in order to analyze diverse biblical texts, evaluate several critical approaches to the study of bodies, and explore how sexuality and embodiment relate to religious literature. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 310. Lost Christianities. 3 Hours.**

An exploration of orthodoxy and heresy in early Christianity, with special focus on alternative forms of Christianity that did not survive. Particular attention will be devoted to Gnosticism, Arianism, Donatism, and Pelagianism, as well as non-orthodox scriptures and the selection of the New Testament canon.

**REL 311. Prophecy and Apocalyptic. 3 Hours.**

A study of messengers from God in ancient Israel, early Judaism, and early Christianity, with particular attention to the contributions of these messengers to society, culture, ethics, and theology. The persistence of apocalyptic eschatology in global culture will be a topic of particular interest.

**REL 312. Israel's Poetry and Wisdom Literature. 3 Hours.**

The religious and philosophical thought of Israel's Wisdom Movement as found in the books of Proverbs, Ecclesiastes, Job, and portions of the Apocrypha. Also, a study of the forms of Hebrew poetry analyzed with reference to the Psalter as the vehicle of ancient Israel's devotional life in a community of worship.

**REL 315. Archeology and the Bible. 3 Hours.**

A field course in archaeological excavation of a site related to the Bible. Students will learn techniques of field excavation, archaeological interpretation, and biblical interpretation by participating in the excavation of a site from the biblical world. Offered Summer only.

**REL 323. Belief Amidst Bombshells: Western Public Religious Thought, 1900-1965. 3 Hours.**

Beginning with the events which preceded the aftermath of the first World War, a study of the key Western theological positions that emerged during the next half-century. Attention is given to different Christian responses to the Nazi regime, particular writers' viewpoints on the relationship between Christianity and culture, theology in the United States, and major shifts in Catholic thinking which helped lead to the Second Vatican Council.

**REL 325. Religion, Literature & the Environment. 3 Hours.**

Covering writers from Henry David Thoreau to Rachel Carson, Wendell Berry to Annie Dillard, students discuss religion and ecology, including ecospirituality, ecotheology, and environmental ethics. Writings from a spectrum of religious views are presented, and recent popular religiously based environmental movements are surveyed.

**REL 328. To Hell with Dante. 3 Hours.**

This course will attempt to provide students with detailed understanding of Dante's Divine Comedy through a careful reading of the poem itself, in connection with the study of works by major literary influences on Dante (such as Virgil and Guido Cavalcanti), of the Florentine political context, and of major developments in Christian history and theology during the 12th and 13th centuries. Special emphasis will be placed on questions raised by Dante's work regarding better and lesser ways to live one's life.

**REL 331. Christian & Islamic Theology in Comparative Perspective. 3 Hours.**

This course will discuss the classical and modern traditions of Christian and Islamic theology in a comparative framework. Using readings in actual source texts, the course will provide an in-depth experience of both Christian and Islamic theological discussions of the nature of God, theological anthropology, human ethics, and definitions of tradition and modernity. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**REL 332. Spirituality & Traditional Chinese Medicine. 3 Hours.**

This course begins with consideration of the religious outlook, spirituality, and metaphysics that serve as the basis of Traditional Chinese Medicine (TCM). It will subsequently cover central practices of TCM, including acupuncture, Tai Chi, and dietary measures and compare TCM with other therapeutic systems, such as biomedicine and ancient Greek medicine. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**REL 333. Gender, Religion, George Eliot. 3 Hours.**

An examination of the work of Mary Anne Evans (George Eliot), including her non-fiction, fiction, and translations (Spinoza, Feuerbach, Strauss). The focus will be on her use and skill in the variety of literature forms and the different ways in which gender and religion are represented.

**REL 340. Religion in the American South. 3 Hours.**

Studies in the role played by the Judaeo-Christian tradition in the formation of American mores, thought, and culture, with due attention to the reciprocal impact of environment on faith.

**REL 351. Political Islam. 3 Hours.**

This course will explore Islamic political movements of the 20th and 21st century, a modern phenomenon broadly defined as "Islamism." This course will discuss the roots of Islamism and political Islam in the early-mid 20th century, and will focus in detail on the political and social ideologies of these movements as they ascended to prominence toward the end of the 20th century. Finally, this course will chart the transformations of political Islamic movements in the 21st century, as they yielded to post-Islamist revivals of Islamic theories of democracy, human rights, and religious nationalism. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**REL 352. Premodern Islam. 3 Hours.**

A discussion of the religious thought and social context of premodern Islamic civilization (ca. 700-1700). Because urban centers were the center of this global culture, it will focus on intellectual and social life in some of the great cities of the premodern Islamic world. Through a close analysis of some key examples of religious thought and social structures in these cities, this course will trace the rise and fall of premodern Islamic civilization, one of the most materially powerful and culturally advanced in all of world history. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 353. Contemporary Islam. 3 Hours.**

This course will explore the experience of contemporary Islam with a special focus on the Islamic world since 1970. It will discuss major political, economic, and cultural shifts that have occurred in Muslim nations since this time and how these contexts have influenced new and current developments in the understanding and practice of Islam across the globe. The course will discuss in detail issues of special concern in the contemporary Muslim community such as gender, fundamentalism, colonialism, and religious reform. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 357. Buddhist Religious Traditions. 3 Hours.**

An examination of the roots of classical Buddhism in India, as well as the various schools of thought and practical traditions that have grown from these roots and spread into other countries. We will also consider more overarching questions related to the field of religious studies in general. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**REL 358. Hindu Religious Traditions. 3 Hours.**

In this course, we will examine the historical context and development of "classical Hinduism." We will focus primarily on Hindu textual traditions, ritual practices, and philosophical queries. Our discussions will also address the meaning of the term "Hinduism" itself; the relatively recent politicization of the term; and the contested nature of Hindu studies in the world today. Successful completion of this course satisfies the Cultures & Peoples requirement for graduation.

**REL 360. A Global Guide to Caring for the Self. 3 Hours.**

Explores religious and secular beliefs and practices of self-care. Includes forms of self-care, specific rituals, analysis of particular problems with the concept of self-care, and identifying self-care aspects of a global cultures and religions.

**REL 361. Fieldwork on Religion. 4 Hours.**

This course has a simple objective: for students to learn how to document religious experience from the ground up. Course participants learn fieldwork techniques - including participant observation, interviews, and ethnographic writing - and put them into practice as they interact with practitioners in Spartanburg religious communities.

**REL 362. Ritualized Space in the Middle East. 3 Hours.**

In this course students will learn about Christianity, Judaism and Islam and their histories from the visual rhetoric of ruins, art objects and architecture in the Middle East and North Africa. Through visual culture this course will trace the history, politics and social transformations and hybridizations of the Abrahamic traditions in the MENA region. Further, students will apply Victor Turner's theory of ritualized space and liminality to the MENA region's sacred spaces. Successful completion of this course satisfies the Cultures & Peoples requirement for graduation.

**REL 363. Islam in the Media. 3 Hours.**

Viewing Islam from the lens of media studies, this course will provide a very brief overview of Islam with the primary focus on analyzing how Islam is portrayed in various forms of media (internet, newspapers, film, novels, television, social media, etc.) in the Muslim world and in the United States. Successful completion of this course satisfies the Cultures and Peoples requirements for graduation.

**REL 365. Religion & Pop Culture. 3 Hours.**

This course examines the relationship between religion and pop culture. Possible course topics include the depiction of religion in popular culture, the use of popular culture in religion; and the religious function of popular culture.

**REL 370. Religious Extremism. 3 Hours.**

A study of religious groups associated with established religious traditions (e.g., Buddhism, Christianity, Islam, etc.) that support and/or commit violent acts in the accomplishment of their theological and social agendas. Particular emphasis will be placed on why these groups understand violence as a religiously acceptable and oftentimes necessary course of action.

**REL 373. Religion & Law. 3 Hours.**

This course explores the ways in which religion and law are understood as concepts. It examines the presuppositions that impact the ways these terms are defined, and the ways in which these definitions get mapped onto institutional contexts. In addition, the course also examines how a particular group's understanding of religion and law, as well as its understanding of the proper interface between the two, plays into its understanding of what the state is (or should be). The course focuses primarily on the interplay among these concepts in the United States, though it also might consider the relationship and tensions between religion and law in other countries.

**Prerequisite:** REL 201 with a minimum grade of D or REL 202 with a minimum grade of D or REL 220 with a minimum grade of D or REL 221 with a minimum grade of D or REL 240 with a minimum grade of D or REL 241 with a minimum grade of D or REL 260 with a minimum grade of D or REL 261 with a minimum grade of D or REL 263 with a minimum grade of D.

**REL 375. Cults, Sects, and New Religious Movements. 3 Hours.**

This course examines the formation, social organizations, and religious identities of new religious movements (popularly called "cults"). Some questions that may be examined include: What causes new religious movements to form? Who joins them? Why do some thrive while others die out? What role do gender differences play in new religious movements? How do new religious movements relate to the more "established" religions (Hinduism, Judaism, Christianity, etc.)?.

**REL 379. American Evangelicalism. 3 Hours.**

This course examines many of the key historical moments and distinguishing features of American Evangelicalism, a movement of conservative Christians from the Fundamentalist, Holiness, Pentecostal, Charismatic, and the Neo-Evangelical traditions.

**REL 380. Special Topics in Religion. 1 to 4 Hours.**

Seminars on selected topics in Religion offered on an occasional basis.

**REL 470. Independent Study. 1 to 3 Hours.**

Extensive investigation of an approved topic culminating in a full-length essay. Credit hours to be determined by the instructor. Normally restricted to students completing the major in Religion.

**REL 474. Theories of Religion. 3 Hours.**

An intensive exploration of critical theories currently employed by scholars in the academic study of religion, based upon readings of the classic works in which those theories have been expounded. Required of majors in the spring of the junior year. At the conclusion of the junior seminar, students will identify the topic for their senior directed study.

**REL 475. Senior Directed Study in Religion. 3 Hours.**

A course of individualized directed study in which the student researches, writes, and presents a paper on a topic of current interest in the academic study of religion. Required of all majors in the fall of the senior year.

**REL 480. Advanced Topics in Religion. 1 to 4 Hours.**

A seminar in which a selected theme or problem is thoroughly studied. Emphasis on bibliography and methodology in research.

**REL 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Sociology (SOC)

**SOC 101. Introduction to Sociology. 3 Hours.**

Examine introductory concepts, theories, research methods, and subfields of sociology. Topics include: what it means to develop one's sociological imagination and exploring aspects of the social environment that are often ignored, neglected, or take for granted.

**SOC 202. Environmental Sociology. 3 Hours.**

An examination of the following topics: the emergence and history of environmental sociology and the various theoretical perspectives that have shaped this subdiscipline; the complex interactions between social structures, power, and environment; the study of environmental inequality and injustice at various scales in the United States and globally.

**SOC 206. Social Movements. 3 Hours.**

An introduction to the sociological study of social movements. The focus will be on understanding the various theories and concepts sociologists have developed to understand the formation, dynamics, strategies, durability, challenges, and social/cultural significance of social movements by looking at examples in the United States and globally from the past few centuries.

**SOC 216. Gender in Society. 3 Hours.**

A sociological analysis of gender in contemporary American society. Through sociological concepts, theories, and research this course focuses on the social construct of gender and gender-based stratification.

**SOC 226. Wealth, Power, and Inequality. 3 Hours.**

Explore a basic and broad understanding of the sociology of inequality and stratification by examining inequality in the United States as it relates to class, race, gender, nativity, sexual orientation, and health.

**SOC 240. Race and Racisms. 3 Hours.**

An examination of the history, major issues, and sociological dimensions of race and racisms in the United States, which are both fundamental elements of social stratification.

**SOC 280. Selected Topics in Sociology. 1 to 4 Hours.**

Introductory-level independent research or exploration in topics not offered in the regular department courses.

**SOC 330. Social Research. 3 Hours.**

An introduction to the methods and techniques of collecting and analyzing social data.

**SOC 340. Development of Sociological Thought. 3 Hours.**

A review and analysis of the history of social thought leading up to and focusing especially on the development of modern sociology in the 19th and 20th centuries.

**SOC 416. Intersectional Theory. 3 Hours.**

Discover the tenets of the theory of intersectional feminism. Topics such as race, gender, and sexuality will be discussed within a sociological perspective. Additionally, as these aspects do not exist in a vacuum separate from class, nationality, ability, and other identities, students will work to synthesize theory, research, and experiences into an understanding of power, privilege, and oppression in the US and beyond.

**Prerequisite:** SOC 240 with a minimum grade of D.

**SOC 446. Globalization and Society. 3 Hours.**

Explore the various ways in which globalization is conceptualized using a sociological perspective. Topics addressed may include development theories, cultural change, unequal exchange, capital and labor flows, environmental justice, transnational corporations, and sources of resistance and alternative visions.

**SOC 450. Capstone. 3 Hours.**

Designated primarily for seniors completing the major in Sociology and Anthropology to review and integrate what they have learned in their studies in the major and to design and execute a research project on a topic of their choice.

**SOC 480. Advanced Topics in Sociology. 1 to 4 Hours.**

Advanced-level independent research or exploration in topics not offered in the regular department courses.

## Spanish (SPAN)

**SPAN 101. Beginning Active Spanish. 3 Hours.**

A comprehensive introduction to the four skills of the language: speaking, aural comprehension, reading, writing. Structure and communication skills are emphasized through extensive use of Spanish in the classroom.

**SPAN 102. Beginning Active Spanish. 3 Hours.**

A comprehensive introduction to the four skills of the language: speaking, aural comprehension, reading, writing. Structure and communication skills are emphasized through extensive use of Spanish in the classroom.

**Prerequisite:** SPAN 101 with a minimum grade of D.

**SPAN 200. Communication & Culture. 3 Hours.**

A comprehensive intermediate beginner course for developing the four skills, with an emphasis on learning control of language for basic communication, and for establishing foundations for intercultural competence. Communication skills are emphasized through extensive use of Spanish in the classroom and the exploration of expressions of culture via the study of authentic materials.

**SPAN 201. Intermediate Active Spanish. 3 Hours.**

First intensive intermediate course in the language. Emphasizes development of the four skills with ongoing refinement of control of the language, vocabulary building, and the building of foundations for intercultural competence.

**Prerequisite:** SPAN 102 with a minimum grade of C-.

**SPAN 202. Intermediate Active Spanish. 3 Hours.**

Second intensive intermediate course in the language. Emphasizes development of the four skills, with ongoing refinement of control of the language, vocabulary building, and the building of foundations for intercultural competence.

**Prerequisite:** SPAN 200 with a minimum grade of C- or SPAN 201 with a minimum grade of C-.

**SPAN 280. Selected Topics in Spanish. 1 to 4 Hours.**

The study of selected topics at the introductory or intermediate level in Spanish.

**SPAN 303. Advanced Spanish with Community-Based Learning. 3 Hours.**

An advanced course for the development of the four skills across a range of advanced level tasks, and for growth in intercultural competence through community-engaged learning and critical reflection. Conducted in Spanish.

**Prerequisite:** SPAN 202 with a minimum grade of C-.

**SPAN 305. Cultures of Latin America. 4 Hours.**

An introduction to the cultures of Latin America, with a focus on historical dynamics in the context of social and cultural diversity. Fosters continued development of four skills, with increased control of language across a range of advanced level tasks, as well as intercultural competence. Conducted in Spanish. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 307. Cultures of Spain. 4 Hours.**

An introduction to the diverse cultures of Spain, with emphasis on physical and human geography, historical development, and contemporary Spanish society. Fosters continued development of four skills, with increased control of language across a range of advanced level tasks, as well as intercultural competence. Conducted in Spanish.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 308. Critical Reading & Analysis of Cultural Texts in Spanish. 3 Hours.**

An introductory literary and cultural studies course that emphasizes critical reading and analysis of literary and cultural texts, as well as continued development of the four skills at the advanced level. Students are introduced to theories and methods for reading cultural texts in various genres (poetry, novellas, short stories, film) and to the fundamentals of academic writing. Conducted in Spanish.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 309. Building Linguistic and Cultural Competence Through Oral Texts. 3 Hours.**

This course is designed to build speaking and oral comprehension skills using oral texts from a variety of diverse cultural regions in which Spanish is spoken. Conducted in Spanish. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 310. Interactive Spanish Grammar. 3 Hours.**

Improving grammatical accuracy with the problematic points of Spanish grammar is the focus of this course, which aims to move students towards advanced proficiency in their oral and written production of the language. Attention will be given to syntactic patterns, morphological rules, lexical accuracy, stylistic features of the language, and vocabulary acquisition. Conducted in Spanish.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 311. Social Change in Latin America & Latinx World. 3 Hours.**

This course focuses on the sociocultural dimensions of change efforts in Latin American and/or Latinx contexts; analyzes examples of efforts for social change; and emphasizes the development of intercultural competence in applied settings. The course involves a significant project-based component. Conducted in Spanish. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 411. Writers and Their Worlds. 3 Hours.**

Focusing on the work of one significant author from Spain or Latin America, this course explores the literary production of that writer in the context of the social, political, cultural, and literary worlds out of which the work was produced. Writers studied vary from year to year. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 412. Narrative Fiction in Spanish. 3 Hours.**

A careful reading of narrative fiction by authors writing in Spanish. The course also focuses on the fundamental elements and techniques of narrative fiction and critical reading strategies. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 413. Poetry in Spanish. 3 Hours.**

A careful study of poetry by authors writing in Spanish. The course also focuses on the fundamental genres, forms, elements, and techniques of poetry in Spanish and critical reading strategies. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 414. Non-Fiction Texts in Spanish. 3 Hours.**

A critical reading of non-fiction print, digital and multimedia genres in texts by Spanish and Spanish-American writers. The course focuses on important themes and perspectives of Spanish language texts from Spain and/or the Americas, as well as the rhetorical elements and communication strategies of those texts. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 416. Interdisciplinary Ibero-American Cultural Studies. 3 Hours.**

This course applies an interdisciplinary framework to a topic of cultural significance in the Hispanic world. The course focuses on the fundamental theoretical and methodological tools needed to analyze cultural texts in which specific issues in Ibero-American culture are expressed. Topics studied vary from year to year. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 418. Spanish and Spanish-American Theater. 3 Hours.**

This course is designed to build linguistic, cultural and historical understanding of the theater of Spain and/or Latin America through the study of major plays. The course focuses on the fundamental theoretical and methodological tools needed to analyze theater as both written discourse and performance art. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 420. Environmental Humanities: Ibero-American World. 3 Hours.**

This transdisciplinary environmental humanities course considers imaginations of the world by diverse communities and creators from Latin America and the Iberian peninsula; key theoretical approaches and concepts for the study of these imaginaries; and texts from diverse cultures in the Ibero-American world. Successful completion of this course satisfies the Cultures and Peoples requirement for graduation.

**SPAN 421. Film Seminar in Spanish. 0 to 4 Hours.**

A study of film as an art form. The course considers narrative processes, representational modalities, and the language of film (cinematographic techniques and devices). Other topics of consideration may include the cinematic depiction of social and cultural realities; the historical development of a national film industry; and the director as auteur. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 425. US Latinx Literatures and Cultures. 3 Hours.**

A critical study of the literature and cultural expression of Latinx communities within the United States. This course analyzes representative texts and multimedia by Mexican-American, Puerto Rican, and other Latinx-American identified groups. Students will explore the rich diversity of these identities and discuss the challenges these communities confronted historically, as well as those they continue to face. Conducted in Spanish.

**Prerequisite:** SPAN 308 with a minimum grade of C.

**SPAN 440. The Craft of Translation. 3 Hours.**

A practical approach to the problems and techniques of Spanish/English and English/ Spanish translation. A variety of texts in both languages are used as an introduction to the translator's art and craft. These texts are chosen specifically to emphasize important issues of advanced Spanish grammar and stylistics as well as points of contrast between the two languages which must be mastered by the accomplished translator. Such diverse problems as proverbs, jokes, and the idiosyncratic jargons of business, journalism, law, and politics are sampled. Conducted in Spanish and English.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 441. Creative and Practical Writing in Spanish. 3 Hours.**

Selections from a wide variety of writing projects, concentrating on the development of critical reflection and creative expression, while honing clarity of communication, lexical precision, structural accuracy, and graceful, persuasive, and appropriate styles. Conducted in Spanish.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 442. Oral Proficiency. 3 Hours.**

A practical approach to speaking Spanish. Using a wide variety of spoken samples for listening practice and role-play tasks for speaking practice, the course examines the functions and contexts of oral proficiency levels from intermediate to superior abilities. The course also considers techniques of oral assessment and the nature of professional interpreting as a career. Conducted in Spanish.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 445. Advanced Spanish Structures: Syntax, Morphology and Lexicon. 3 Hours.**

A linguistic analysis of the more problematic points of Spanish grammar (morphology and syntax) and usage (lexical refinement). The course concentrates on details of Spanish usage and stresses accuracy in the application of grammatical principles, lexical variations, and stylistic concerns. Intensive practice in speaking and writing helps students to develop an advanced level of productive control. Conducted in Spanish.

**Prerequisite:** SPAN 303 with a minimum grade of C.

**SPAN 480. Advanced Topics in Spanish. 1 to 4 Hours.**

The study of selected topics at the advanced level in Spanish.

**SPAN 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Studio Art (ARTS)

**ARTS 245. Introduction to Studio Art. 3 Hours.**

A mixed media course for beginning artists or more experienced artists who wish to improve their technical expertise while broadening knowledge and appreciation of style in historical and cultural context. Design, drawing, painting, printmaking, and sculpture may be explored through lecture, critique, visual aids, and hands-on projects.

**ARTS 247. Art and Earth: Materials & Methods. 3 Hours.**

In this course students explore the natural and synthetic sources of studio art materials in a variety of media with an eye toward understanding the environmental impact of their sourcing, use and disposal, as well as the materials' cultural and historical context. Students will make basic art materials and engage in studio art processes using these materials. Students will create original artworks during the studio instruction and in related assignments. Attention to artists working with natural or handmade materials will be a significant focus of this course.

**ARTS 250. Design Strategies. 3 Hours.**

A project-based course introduces students to fundamental aspects of visual research and design, and develops skills and knowledge applicable to a variety of formats and media through visual problem solving and critical analysis. The elements and principles of design and the designer's role in contemporary society are studied so that students will acquire a working knowledge of vocabulary and methodology useful in creating and critiquing works of art and design.

**ARTS 251. Drawing. 3 Hours.**

An introduction to the materials and techniques of drawing, including the use of charcoal, conte crayon, gouache, and pastel. Problems particular to the representation of space and mass, the handling of negative space, the use of the elements of value and texture, the representation of drapery, and the depiction of the human figure and still-life subjects will be addressed.

**ARTS 255. Digital Photography I. 3 Hours.**

An introduction to the basic techniques of camera use and computer processing of images towards the aim of creating successful photographs. Attention will be given to historical styles of photography and the work of noted photographers as models. Students will explore the genres of portrait, object, documentary, and nature photography. (A camera with full manual controls is required and the college has several that can be checked out by students who do not own one and wish to take the course.)

**ARTS 258. New Media I. 3 Hours.**

Explore lens-based and digital processes and techniques. Develop critical thinking and analytical skills within the medium of photography and video art emphasizing ideation, research, experimentation, and analysis. Experiment with seriality and narrative; portraiture and self-portraiture, appropriation, constructed image (pre- and post-digital photography), document / mockument, performance, and remix. (A camera with full manual controls is required and the college has several that can be checked out by students who do not own one and wish to take the course.)

**ARTS 260. Sculpture I. 3 Hours.**

An introductory course in fabricating three-dimensional artwork, focusing on creative interpretation of historical and contemporary sculptural questions. After demonstrations in a variety of approaches, such as mold-making and casting, woodworking, and installation art, students will create individual artworks responding to project prompts. Lectures and critiques inform a conceptual language for how works of art exist in relationship to space.

**ARTS 261. Ceramics I. 3 Hours.**

This is an introduction to hand building and wheel throwing pottery and the application of design basics, techniques, and processes relevant to the construction of clay forms.

**ARTS 262. 3D Digital Fabrication. 3 Hours.**

Fabricate artwork using 3D printers, CNC routers, or other digital tools. Investigate the relationship between digital and physical output, virtual environments, limitations of technology, and the history of digital fabrication. Technical demonstrations in digital sculpting will assist in translating ideas and concepts into digitally produced physical objects. Prior experience in 3D modeling or digital fabrication is not necessary, although comfort in learning new computer software is recommended.

**ARTS 280. Selected Topics in Studio Art. 1 to 4 Hours.**

Selected topics in Studio Art at the introductory or intermediate level.

**ARTS 351. Figure Drawing. 3 Hours.**

An introduction to the discipline of figure drawing for the intermediate-level artist. Drawing skills will be developed through close observation of the skeleton and the human figure, using the nude model. Studio problems to be addressed include the handling of line, value, and space, issues of proportion and perspective, and the use of various black-and-white media in the portrayal of the human figure.

**Prerequisite:** ARTS 245 with a minimum grade of D or ARTS 250 with a minimum grade of D or ARTS 251 with a minimum grade of D or ARTS 252 with a minimum grade of D or ARTS 255 with a minimum grade of D or ARTS 256 with a minimum grade of D.

**ARTS 352. Watercolor. 3 Hours.**

Students are introduced to the specialties of watercolor painting in this project-based studio class. Proper papers, brushes, and color media, as well as a variety of fundamental techniques are explored. Some understanding of the historical development of watercolor and study of watercolor masters is included.

**Prerequisite:** ARTS 245 with a minimum grade of D or ARTS 250 with a minimum grade of D or ARTS 251 with a minimum grade of D or ARTS 252 with a minimum grade of D or ARTS 255 with a minimum grade of D or ARTS 260 with a minimum grade of D.

**ARTS 353. Painting. 3 Hours.**

An introduction to the materials and techniques of painting, with emphasis on color theory, pictorial organization, the representation of space and mass, and critical reflection on technical, formal, and conceptual issues. Students will paint works of art in the subject categories of still-life, landscape, portraiture, and abstraction.

**Prerequisite:** ARTS 251 with a minimum grade of C.

**ARTS 355. Digital Photography II. 3 Hours.**

An advanced course in photographic image-making, focusing on manual operation of camera functions, image composition and the elements of visual form, and the use of Photoshop to optimize images in the digital darkroom. Each student must have a camera that will function in a manual operating mode.

**Prerequisite:** ARTS 245 with a minimum grade of D or ARTS 250 with a minimum grade of D or ARTS 251 with a minimum grade of D or ARTS 252 with a minimum grade of D or ARTS 255 with a minimum grade of D or ARTS 260 with a minimum grade of D.

**ARTS 356. Printmaking. 3 Hours.**

An exploration of four techniques of (non-toxic) printmaking, including relief printing, collography, carborundum printing, and screen printing. Students will complete a small edition of prints for each process; a final project will combine two or more processes.

**Prerequisite:** ARTS 245 with a minimum grade of D or ARTS 250 with a minimum grade of D or ARTS 251 with a minimum grade of D or ARTS 252 with a minimum grade of D or ARTS 255 with a minimum grade of D or ARTS 256 with a minimum grade of D or ARTS 260 with a minimum grade of D.

**ARTS 357. Installation Art. 3 Hours.**

Beginning with a study of the history of installation and site-specific art, students will design, build, and document (through photographs, video, writing, etc.) art projects intended to shape viewer experience of architectural or environmental sites. Students will be expected to participate actively in discussions about the implications of transforming public spaces, the social responsibility of the artist, and the role of art in the public domain. Incorporation of light, sound, or experimental approaches may be incorporated with more traditional media.

**Prerequisite:** ARTS 250 with a minimum grade of D or ARTS 251 with a minimum grade of D or ARTS 255 with a minimum grade of D or ARTS 260 with a minimum grade of D or ARTS 261 with a minimum grade of D or ARTS 280 with a minimum grade of D.

**ARTS 358. New Media II. 3 Hours.**

Gain advanced skills in digital and time-based processes and techniques focused on digital collage, animation, and non-linear editing. Explore collage and digital surface, time-based media, including video art and performance, while developing digital compositing and editing skills. Learn to be careful and sensitive viewers and makers of digital and screen-based works.

**Prerequisite:** ARTS 255 with a minimum grade of C or ARTS 258 with a minimum grade of C.

**ARTS 360. Sculpture II. 3 Hours.**

An advanced course in fabricating three-dimensional artwork, focusing on informed responses to sculptural issues such as materiality, space and place, the body, and process. Advanced demonstrations in mold-making and casting, additive and subtractive processes, and utilizing found objects will inform creative assignments. Students will be expected to develop artwork that showcases personal vision within open-ended assignment prompts.

**Prerequisite:** ARTS 260 with a minimum grade of D.

**ARTS 446. Portfolio Review. 1 Hour.**

An inter-media seminar course that focuses on portfolio development and presentation for practicing artists. Through group critiques and workshops, students will refine cumulative portfolios of past assignments.

**ARTS 447. Senior Studio I. 3 Hours.**

An inter-media seminar course focused on developing individual studio practice. Through studio visits, research, readings, and critiques, students will generate a body of work that reflects their own creative vision. This course is required for students majoring in Studio Art during the fall semester of their senior year.

**Prerequisite:** ARTS 446 with a minimum grade of D.

**ARTS 448. Senior Studio II. 3 Hours.**

Provides the opportunity for students to propose, create, and present a solo exhibition of original studio artwork. Designed for students completing the Studio Art concentration within the Art History major, this course culminates with the presentation of a body of work that synthesizes methods, techniques, and interests developed in Studio Art courses with material mastered in Art History course work. Permission of the instructor required.

**ARTS 456. Printmaking II. 3 Hours.**

An intermediate study of relief, intaglio, experimental, and combination printmaking processes within a contemporary studio art practice. Black/white and color printing will be further developed through hand-drawn and photo-based imagery. Portfolio-ready work will be created through the completion of projects emphasizing problem solving and individual development of visual language and conceptual content. Studio work, critique discussion, writing and research will be utilized to explore cultural, conceptual and historical issues relevant to contemporary printmaking.

**Prerequisite:** ARTS 356 with a minimum grade of D.

**ARTS 470. Independent Study in Studio Art. 1 to 3 Hours.**

A study of a specific studio art topic under the direction of a faculty member in Studio Art. The readings, program of research, written work, and art making processes to be undertaken by the student will be determined in consultation with the instructor. Permission of instructor required.

**ARTS 480. Advanced Topics in Studio Art. 1 to 4 Hours.**

The study of selected topics at the advanced level. Permission of instructor required.

**ARTS 481. Advanced Topics: Painting II. 3 Hours.****ARTS 500. Honors Course. 3 Hours.**

At the discretion of the faculty, students may undertake a six-hour independent course of study in the senior year in order to broaden their educational experience within their major area of study. Students must meet specific GPA standards and arrange a faculty sponsor. The honors course criteria are outlined in the Academic Honors portion of the catalog.

## Theatre (THEA)

**THEA 201. Introduction to the Theatre. 3 Hours.**

This class covers script analysis, dramatic structure, production styles, and an introductory over-view of acting, directing, design, and the technical elements of production. Crew hours on the current departmental production may be required.

**THEA 202. Basic Elements of Production. 3 Hours.**

This course covers the basics for set, lighting, and costume design for the stage. Learn drafting, some drawing, rendering and model making skills, design processes, and some backstage technologies.

**THEA 210. Stagecraft. 2 Hours.**

An introduction to the technical aspects of live theatre and the creative problem solving skills necessary to successfully make the leap from page to stage. Students will be exposed to and gain practical experience in a variety of areas, including: set construction, lighting operations, sound systems, scenic painting, and stage management.

**THEA 212. The Art of Acting. 3 Hours.**

This class will introduce students to the basics of acting for the stage. Over the course of the semester, students will learn and participate in practical and challenging acting games and physical exercise, be exposed to the basics of character analysis, learn to think, move, and speak like an actor, and perform in a variety of solo and group projects including monologues and scene-work.

**THEA 280. Selected Topics in Theatre. 1 to 4 Hours.**

Selected topics in theatre at the introductory or intermediate level.

**THEA 300. Ensemble. 1 to 4 Hours.**

This course offers students credit hours for performing on stage in a Wofford theatre production. Attendance at all rehearsals, performances, and strike required. A maximum of 24 credit hours may be earned in THEA 300.

**THEA 301. Acting I. 3 Hours.**

This course is a continuation and extension of THEA 212, consisting of the further development of the basics of acting technique. Areas of focus will include training concepts such as ease, honesty, ensemble acting, sense memory, concentration, listening, imagination, risk-taking, and the actor's exploration and use of the social world. All students will participate actively in laboratory productions.

**Prerequisite:** THEA 212 with a minimum grade of D.

**THEA 303. Directing. 4 Hours.**

Students will develop a fundamental knowledge and skills base about the field of directing for the stage. This will include extensive creative projects; presentations on past and present stage directors; script analysis from a director's perspective; enhancing communication, audition and rehearsal skills; the development of a critical eye for directorial choices; and the performance of two scenes that the student will direct for public performance.

**THEA 304. Movement. 3 Hours.**

This class will investigate major influences in physical theatre, provide a practical study of the principles of movement for the stage with an emphasis on physical neutrality, and will begin exploration of various physical actor training methods.

**THEA 310. Improvisation for the Actor. 3 Hours.**

An introduction to one the fundamental tools of the actor's art, this course will offer students a rigorous exploration of the principles, skills, and applications of theatrical improvisation. Although "improv" is often identified in popular culture as a comedic, competition-based form of entertainment, the primary focus in this class will be on Stanislavsky-based improvisation, which emphasizes character, relationships, and collaboration. Improvisation work in this context stresses risk-taking, physical and emotional awareness, observation, intuition, imagination, and spontaneity.

**THEA 320. Dramatic Theory. 3 Hours.**

This course is an introduction to the analysis of dramatic literature and the history of dramatic theory and criticism.

**THEA 321. Dramaturgy. 3 Hours.**

An introduction to the theory and practice of dramatic composition and the representation of the main elements of drama on the stage. Examine the role of the literary advisor/editor in modern theatrical practice and explore dramatic structure as a means of achieving successful storytelling onstage. Analyze the dramatic structures of plays that span multiple eras and cultures, connect external research to production work, create dramaturgical packets for conceptual productions, and regularly share the results of research and creative work. .

**Prerequisite:** Any 200-level ENGL course with a D or better.

**THEA 328. Contemporary Drama. 3 Hours.**

A study of major contemporary drama (1970 to present). Authors considered include Foreman, Churchill, Rabe, Kushner, Zimmerman and others. Also listed as English 328.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**THEA 350. Stage Management Practicum. 3 Hours.**

Students serving as stage managers for departmental productions will schedule and run auditions, rehearsals, and shows under the supervision of the director. The stage manager is the point person for all communication regarding the production including the design/technical aspects and acting/directing. This course fulfills the stage management requirement for the theatre major. Instructor permission required.

**THEA 375. Scene Painting. 3 Hours.**

Students will learn scenic painting for the stage. Students will learn techniques and materials typically employed for large theatrical sets. Students will complete several painting projects while continuing to develop their own aesthetic sensibilities and creative talents. Instructor Permission required.

**THEA 376. Playwriting Workshop. 3 Hours.**

A course in creative writing focusing on plays. Cross-listed with ENG 376.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**THEA 380. Set Design. 3 Hours.**

Working from the page to the stage, students will learn to design scenery based on script analysis, creative visualization, and directorial problem solving. This class also teaches practical skills in drafting, research, and model making. Success in this class may lead to design opportunities for departmental productions.

**Prerequisite:** THEA 202 with a minimum grade of D.

**THEA 385. Period Styles. 3 Hours.**

Based on Sir Kenneth Clark's timeless classic, *Civilisation*, art, architecture, music, furniture, fashion, literature, and political and social history from Ancient Greece to the early 20th century are explored to inform theatrical productions. Students will learn from slides, lectures and movie clips of the vast imagery available to theatre artists. Research and design projects are required. Instructor permission required.

**THEA 390. Costume Design. 3 Hours.**

Creativity is emphasized in this project-oriented course. The students will learn the complete process for designing theatrical costumes, hair and makeup. This course covers costume history, design, rendering and artistic conceptualization. Success in this class may lead to design opportunities for our departmental productions. Instructor permission required.

**THEA 395. Lighting Design. 3 Hours.**

Introduction to resources, equipment, and processes of theatrical lighting design. The primary focus is the formulation of conceptual lighting design ideas based on source analysis such as artwork, music, and scripts. Additionally, students will explore the different means of communication through research, sketching, drafting, and implementation of their designs using lighting equipment.

**THEA 396. Digital Applications for Theatre. 3 Hours.**

Utilize the basics of Vectorworks, Photoshop, and Wix as they apply in professional theatre. Create digital projects that include computer drafting, photo editing, stage renderings, personal resume, and a website containing an online portfolio.

**Prerequisite:** THEA 202 with a minimum grade of D.

**THEA 400. Theatre Practicum. 1 Hour.**

A special course of individual study and instruction wherein an advanced student of theatre may pursue a special interest such as set design, lighting, theatrical management, acting, or playwriting, under the direction of the instructor. Active participation in laboratory and major productions required. A maximum of 6 semester hours may be earned in Theatre 400.

**THEA 401. Acting II. 3 Hours.**

Continuation and extension of THEA 301, Acting I, with particular emphasis on character development. Through intensive scene work and special projects in characterization studies, we will expand the actor's emotional, intellectual, physical, and vocal expressiveness.

**Prerequisite:** THEA 301 with a minimum grade of D.

**THEA 404. Advanced Movement. 3 Hours.**

This course will provide an in-depth study of physical actor training for the stage. Through the creation of original theatre pieces, monologues, and scene work, the student will implement techniques learned in daily physical training.

**THEA 410. Theatre for Youth. 3 Hours.**

This course will contextualize Theatre for Youth through the study of the history and significance of this type of performance and then will use in-class exercises to create a strong ensemble of actors who will then collaborate on the creation, rehearsal, and performance of an original children's theatre script.

**THEA 413. Devised Theatre. 3 Hours.**

Working collaboratively, the class will choose and explore a topic/theme of particular interest to students on this campus and then plan, develop, rehearse, and perform a non-traditional theatrical production based on this theme.

**THEA 424. African American Drama. 3 Hours.**

This class deals with the creation of African American identity on the American stage from the early 19th century through the present. Readings are from the works of Baraka, Kennedy, Wilson, Parks, Hughes, and many others. Students will engage with issues of race, literature, performance, and authorship in class discussion, written work and oral presentations. Cross-listed with English 424.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**THEA 425. 19th Century American Drama. 3 Hours.**

From James Nelson Barker's *The Indian Princess* (1808), to George Aiken's stage adaptation of *Uncle Tom's Cabin*, one of the most popular works of its period in both America and Europe, the close reading of nineteenth century American drama opens a fascinating window onto the creation of American identity. This class will address ideas and issues of nationhood, the frontier, gender, race and race relations, and popular and high culture. Cross-listed with English 425.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**THEA 433. Modern Drama. 3 Hours.**

A course of study which focuses on the work of late 19th to mid 20th century European and American dramatists. Authors include Ibsen, Chekhov, Strindberg, Pirandello, Brecht, Beckett, O'Neill, Miller and Williams. Cross-list with English 433.

**Prerequisite:** Any 200-level ENGL course with a D or better.

**THEA 438. Greek & Roman Drama. 3 Hours.**

Selected Greek and Roman comedies and tragedies will be read in translation. The course will concentrate on the thematic, philosophical, and religious aspects of ancient drama. Cross-listed with English 438.

**Prerequisite:** Any 200-level ENGL course with a D or better.



**THEA 470. Independent Study. 1 to 4 Hours.**

A student initiated project, approved and supervised by a faculty member, integrating learning in the major.

**THEA 471. Independent Study - Design/Technical. 0 to 3 Hours.**

A student initiated project, approved and supervised by a faculty member focused on set design and/or aspects of technical theatre.

**THEA 472. Independent Study - Dramatic Literature. 0 to 3 Hours.**

A student initiate project, approved and supervised by a faculty member, integrating the study dramatic literature with theatre production.

**THEA 473. Independent Study - Performance. 0 to 3 Hours.**

A course in which the student pursues independently, under the guidance of a member of the department, a specific topic of interest.

**THEA 476. Advanced Playwriting. 3 Hours.**

In this workshop, students will write at least two ten-minute plays and one full-length two-act play, in addition to developing their craft through writing projects and exercises. We also will read and discuss plays by such playwrights as Edward Albee, Tennessee Williams, and Eugene Ionesco. Actors will read each participant's work at a special presentation at the end of the semester. Class is conducted in a workshop format, and participants and the instructor will read, discuss, and analyze script pages in class.

**Prerequisite:** THEA 376 with a minimum grade of D.

**THEA 480. Advanced Topics in Theatre. 1 to 4 Hours.**

A seminar for advanced students. Subject matter varies from year to year. Instructor permission required.

**THEA 490. Advanced Studies in Film. 3 Hours.**

A topics course involving close study of specific directors, genres, or national cinemas. Topics will change from semester to semester. Screenings of feature films may be held outside of class. Students may take Theatre 490 for credit only once. Instructor permission required.

# Catalog Archives

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2020-2021 Catalog (<http://catalog.wofford.edu/archive/2020-2021/>)

2019-2020 Catalog (<http://catalog.wofford.edu/archive/2019-2020/>)

2018-2019 Catalog (<http://catalog.wofford.edu/archive/2018-2019/>)

2017-2018 Catalog (<http://catalog.wofford.edu/archive/2017-2018/>)

2016-2017 Catalog (<http://catalog.wofford.edu/archive/2016-2017/>)

2015-2016 Catalog (<http://catalog.wofford.edu/archive/2015-2016/>)

2014-2015 Catalog (<http://catalog.wofford.edu/archive/2014-2015/>)

Catalogs previous 2014-2015 are available through the Office of the Registrar. The office can be reached at [registrar@wofford.edu](mailto:registrar@wofford.edu) or at 864-597-4030.

# Directory

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This section lists some of the individuals and organizations whose contributions constitute some of the college's most important resources.

The Board of Trustees, Administration, and Faculty contribute their expertise in establishing and maintaining the institution's values, policies, and educational rigor. The Wofford College Alumni Association works to stimulate informed interest among all alumni in the work of the college, while the Parents Advisory Council strives to strengthen the communication between the college and the parents of current students.

## The Board of Trustees

Wofford College has 31 trustees who serve as the legal governing body of the college under the conditions of the will of the Rev. Benjamin Wofford and the state charter of 1851. Trustees are elected by the South Carolina Annual Conference of the United Methodist Church.

The following list identifies those persons who serve as trustees for the 2022-2023 academic year.

Ashley Richardson Allen (*Vice Chair*)  
Charlotte, NC

Ronald A. Andrews '81  
CEO, Onocyte Corporation  
Nashville, TN

John E. Bauknight, IV '89  
Entrepreneur  
Spartanburg, SC

Thomas L. Bower, III '74  
CEO, Clipper Petroleum  
Gainesville, GA

Christopher A. P. Carpenter '90 (*Chair*)  
Attorney, Political Consultant  
Atlanta, GA

Katherine A. Close '83  
Physician  
Stamford, CT and Pawleys Island, SC

R. Howard Coker '85  
CEO, Sonoco Products  
Hartsville, SC

Justin A. Converse '96  
Chief Executive Officer, Converse and Company  
Spartanburg, SC

English C. Flack '00  
Pediatric Cardiologist  
Nashville, TN

Jimmy I. Gibbs  
President and Chief Executive Officer, Gibbs International  
Spartanburg, SC

B. Shawan Gillians '04  
Attorney, Womble Bond Dickinson  
Charleston, SC and Houston, TX

David G. Johnson, '98  
CEO, Morgan Corporation  
Spartanburg, SC

Blanding U. Jones, '92  
Physician  
Los Angeles, CA

Wade P. Keisler '80  
Real Estate Developer  
Lexington, SC

Timothy E. Madden '85  
South Carolina Family Court Judge  
Greenville, SC

William F. Malambri '98 (*Secretary*)  
Senior Minister, Belin United Methodist Church  
Murrells Inlet, SC

Jodie W. McLean  
President and Chief Executive Officer, EDENS  
Bethesda, MD

James C. Meadors '81  
Owner and Chief Executive Officer, Meadors, Inc.  
Charleston, SC

Craig D. Melvin '01  
NBC News, Co-Anchor, TODAY Show  
New York, NY

Daniel B. Morrison Jr. '75  
President, Charlotte Sports Foundation  
Charlotte, NC

Steven W. Mungo '81  
President and CEO, Mungo Homes  
Charleston, SC

Gregory A. O'Dell '92  
President, Venue Management, OVG 360  
Washington, DC

Costa M. Pleicones '65  
Retired Chief Justice, Supreme Court of S.C.  
Columbia, SC

Dorothy Acee Thomas '96  
Nonprofit/Attorney  
Gainesville, FL

Erin M. Watson '91  
Truist Bank  
Atlanta, GA

Joshua S. Whitley '05  
Attorney  
Charleston, SC

William H. Willimon '68  
Bishop (retired), United Methodist Church  
Durham, NC

Lisa N. Yebuah '99  
Minister, United Methodist Church

Raleigh, NC

Joyce Payne Yette '80  
Managing Director, General Counsel  
Promontory Financial Group  
Washington, DC

Margaret G. Young '92  
Partner, Price Waterhouse Coopers  
Spartanburg, SC and Blacksburg, VA

## The Administration

Nayef H. Samhat, PhD  
President

Jo Ann M. Brasington, MA  
Vice President for Marketing and Communications

Christopher L. Gardner, BA, CPA  
Chief Financial Officer

Roberta L. Hurley, MEd  
Senior Vice President for Administration; Secretary to the Board of Trustees

Richard A. Johnson, MBA  
Director of Intercollegiate Athletics

Calhoun L. Kennedy Jr., BA  
Vice President for Philanthropy and Engagement

Dwain C. Pruitt, PhD  
Chief Equity Officer

Sandra A. Rouse, PhD  
Vice President for Campus Life and Student Development; Dean of Students

Timothy J. Schmitz, PhD  
Provost (Interim)

Brand R. Stille, BA  
Vice President for Enrollment Management

## The Faculty, 2022-2023

Academic year of appointment to faculty is indicated in parentheses after each name.

**J. David Alvis (2009)**  
Associate Professor  
BA, MA, University of Dallas; PhD, Fordham University

**A. K. Anderson (2000)**  
Professor  
BA, Wofford College; MDiv, Yale University; PhD, Graduate Theological Union

**Aikaterini Andrews (2000)**  
Associate Professor  
BS, American College of Greece; MBA, Delaware State University; PhD, Clemson University

**Caleb A. Arrington (2001)**  
Professor

BS, University of Richmond; PhD, University of Utah

**Stefanie H. Baker (2008)**  
Professor  
BS, Clemson University; MS, North Carolina State University; PhD, Clemson University

**Colleen M. Ballance (2005)**  
Associate Professor  
BFA, Tulane University; MFA, Brandeis University

**Kenneth J. Banks (2009)**  
Associate Professor  
BA, Concordia University; MA, PhD, Queens University

**Laura H. Barbas-Rhoden (2000)**  
Professor  
BA, University of Georgia; MA, PhD, Tulane University

**Solmaz Bastani (2022)**  
Assistant Professor  
BS, Shahid Beheshti University; MS, Iran University of Science Technology; PhD, Oklahoma State University

**James T. Bednar (2009)**  
Associate Professor  
BA, Hanover College; MA, Kent State University; PhD, Vanderbilt University

**Jenny J. Bem (2008)**  
Associate Professor  
BSBA, MS, Appalachian State University

**Timothy A. Bersak (2015)**  
Associate Professor  
BA, BS, Boston University; MA, PhD, Clemson University

**Camille L. Bethea (2003)**  
Professor  
BA, Wofford College; MA, Vanderbilt University; MA, PhD, University of North Carolina at Chapel Hill

**Kara L. Bopp (2005)**  
Professor  
BA, Hamilton College; MA, New York University; PhD, Syracuse University

**Heidi E. Bostic (2013)**  
Associate Professor  
BA, BS, Wofford College; PhD, University of Tennessee, Knoxville

**Jennifer L. Bradham (2020)**  
Assistant Professor  
BA, College of Charleston; MS, University of California at Santa Barbara; PhD, Vanderbilt University

**Peter K. Brewitt (2014)**  
Associate Professor  
BA, Dartmouth College; MA, PhD, University of California, Santa Cruz

**Mark S. Byrnes (2001)**  
Professor  
BA, Lafayette College; MA, PhD, The University of Texas at Austin

**Maria Begona Caballero Garcia (2006)**  
Associate Professor

BA, Universidad de Extremadura; MA, Western Michigan University; PhD, University of North Carolina at Chapel Hill

**Crystal C. Carr (2022)**

Assistant Professor  
BS, Tuskegee University; MS, PhD, University of Michigan

**Benjamin J. Cartwright (2013)**

Associate Professor  
BS, Messiah College; MS, University of North Carolina at Greensboro

**Matthew E. Cathey (2004)**

Professor  
BA, University of the South; PhD, University of Tennessee, Knoxville; MS, Texas AM University

**Anne J. Catlla (2008)**

Associate Professor  
BS, MA, University of Kansas; MS, PhD, Northwestern University

**Alan D. Chalmers (2005)**

Professor  
BA, MA, University of Sheffield; PhD, University of Southern California

**Beau M. Christ (2016)**

Assistant Professor  
BS, Doane College; PhD, University of Nebraska-Lincoln

**Deidra A. Coleman (2017)**

Associate Professor  
BS, Shaw University; MA, PhD, North Carolina State University

**Lori Cruze (2015)**

Associate Professor  
BS, University of Tennessee; PhD, University of Florida

**G. R. Davis (1993)**

Dr. and Mrs. Larry Hearn McCalla Professor  
Professor  
BS, Campbell University; PhD, University of North Carolina at Chapel Hill

**Jonathan G. Davis (2022)**

Assistant Professor  
BS, Mississippi State University; MS, Nicholls State University; PhD, Tennessee Technological University

**Zachary S. Davis (2017)**

Associate Professor  
BS, Erskine College; PhD, Purdue University

**Daniel J. Day (2011)**

Associate Professor  
BA, University of Missouri-Kansas City; MFA, Southern Methodist University

**William E. DeMars (2001)**

Professor  
BA, Creighton University; MA, PhD, University of Notre Dame

**Christine S. Dinkins (2002)**

Keenan Professor  
Professor  
BA, Wake Forest University; MA, PhD, Johns Hopkins University

**Courtney M. Dorroll (2013)**

Associate Professor

BA, Purdue University; MA, Indiana University; PhD, University of Arizona

**Philip C. Dorroll (2013)**

Associate Professor  
BA, Purdue University; MA, Indiana University; PhD, Emory University

**Allison C. Douglass (2022)**

Assistant Professor  
BA, Vassar College; MA, Midwestern State University; MPhil, PhD, Graduate Center, City University of New York

**David S. Efurd (2010)**

Associate Professor  
BFA, Cornell University; MA, University of Georgia; PhD, Ohio State University

**Diane S. Farley (2013)**

Associate Professor  
BA, Wofford College; MAcc, University of South Carolina

**Maya M. Fein (2020)**

Assistant Professor  
BS, BFA, Southern Oregon University; MFA, Northwestern University

**Mark A. Ferguson (2003)**

T. R. Garrison Chair of the Humanities  
Professor  
BA, Wofford College; MA, PhD, Washington University

**Rebecca M. Forstater (2022)**

Assistant Professor  
BS, James Madison University; MFA, Syracuse University

**John K. Fort (2002)**

Associate Professor  
BA, Wofford College; JD, Samford University

**Cynthia T. Fowler (2003)**

Associate Professor  
BA, MA, University of Georgia; PhD, University of Hawaii at Manoa

**Jocelyn A. Franklin (2021)**

Assistant Professor  
BA, University of California, Berkeley; MA, PhD, University of Colorado

**Aaron L. Garrett (2017)**

Associate Professor  
BS, Jacksonville State University; MS, Jacksonville State University; PhD, Auburn University

**Victoria J. Gilbert (2021)**

Assistant Professor  
BA, Tufts University; MA, Northeastern University; PhD, University of Pennsylvania

**Lillian E. Gonzalez (2001)**

Professor  
BA, Wofford College; MPA, Clemson University

**Karen H. Goodchild (1999)**

Chapman Professor in the Humanities  
Professor  
BA, University of Georgia; MA, PhD, University Of Virginia

**Natalie S. Grinnell (1997)**

Reeves Family Professor

Professor  
BA, Tulane University; MA, PhD, State University of New York at Buffalo

**Rachel E. Grotheer (2020)**

Assistant Professor  
BA, Denison University; MS, PhD, Clemson University

**Kimberly A. Hall (2015)**

Associate Professor  
BA, George Mason University; MA, Georgetown University; PhD, University of California, Riverside

**Alysa M. Handelsman (2018)**

Assistant Professor  
BA, Northwestern University; MA, PhD, University of Michigan

**Aaron R. Harp (2020)**

Assistant Professor  
BMus, Ouachita Baptist University; MMus, University of North Texas; DMA, University of Colorado

**Bria N. Harper (2021)**

Assistant Professor  
BA, MA, University of Alabama; PhD, Michigan State University

**Robert J. Harris (2022)**

Assistant Professor  
BA, BS, Wofford College; PhD, Duke University

**Jeremy E. Henkel (2011)**

Associate Professor  
BA, Whitman College; MA, PhD, University of Hawaii at Manoa

**Stacey R. Hettes (2003)**

Professor  
BS, King's College; PhD, University of California, Riverside

**Jameica B. Hill (1993)**

Professor  
BS, Wofford College; PhD, Clemson University

**Dane C. Hilton (2021)**

Assistant Professor  
BS, MA, Appalachian State; PhD, University of Alabama

**Sally A. Hitchmough (1996)**

Professor  
MA, PhD, University of Southern California

**Robert C. Jeffrey (1999)**

Professor  
BA, Indiana University; MA, PhD, University of Dallas

**Christina B. Johnson (2015)**

Senior Instructor  
BA, Wofford College; MEd, EdS, Converse College

**Ryan A. Johnson (2009)**

Associate Professor  
BSBA, MS, Appalachian State University; PhD, University of South Carolina; PhD, Rhodes University

**Katherine J. Jones (2006)**

Professor  
BA, Davidson College; MA, PhD, University of Chicago

**Li Qing Kinnison (2004)**

Peacock Professor of Chinese  
Professor  
PhD, Michigan State University

**Charlotte A. Knotts-Zides (1999)**

Professor  
BA, Guilford College; MS, PhD, University of Tennessee, Knoxville

**Kirsten A. Krick-Aigner (1997)**

Professor  
BSLA, Georgetown University; MA, PhD, University of California, Santa Barbara

**David I. Kusher (1996)**

Professor  
BA, University of California, Santa Barbara; MA, San Francisco State University; PhD, University of Georgia

**Dresden N. Lackey (2021)**

Assistant Professor  
BA, Appalachian State University; MS, University of Baltimore; PhD, Georgia State University

**Eun-Sun Lee (2004)**

Professor  
DMA, University of Southern California

**Rhiannon A. Leebrick (2016)**

Assistant Professor  
BA, Hollins University; MA, Virginia Polytechnic Institute and State University; PhD, University of Tennessee

**John C. Lefebvre (1999)**

Professor  
BA, McGill University; PhD, Duke University

**Ingrid E. Lilly (2020)**

Assistant Professor  
BS, Gordon College; MAR, Yale Divinity School; PhD, Emory University

**Rickey H. Madden (2009)**

Associate Professor  
BS, Erskine College; MBA, University of North Carolina at Chapel Hill; PhD, University of Georgia

**Carolyn M. Martsberger (2016)**

Associate Professor  
BS, College of the Holy Cross; MS, PhD, Duke University

**Daniel B. Mathewson (2004)**

Professor  
BA, Messiah College; MTS, Duke University; PhD, Emory University

**Amanda L. Matousek (2014)**

Associate Professor  
BA, BS, MA, University of Akron; PhD, Ohio State University

**John R. McArthur (1990)**

Reeves Family Professor  
Professor  
BS, MS, Montana State University; PHD, Claremont Graduate School

**W. Gary McCraw (1982)**

Professor

BS, Wofford College; MM, University of South Carolina

**Dawn E. McQuiston (2013)**

Professor  
BS, Eastern New Mexico University; MA, PhD, University of Texas at El Paso

**Stephen A. Michelman (1996)**

Professor  
AB, Vassar College; MA, PhD, Suny Center Stony Brook

**Geoffrey C. Mitchell (2015)**

Associate Professor  
BS, Furman University; PhD, University of Arizona

**John F. Moeller (2007)**

Professor  
BA, University of California, San Diego; PhD, University of California, Santa Barbara

**Jeremy S. Morris (2017)**

Assistant Professor  
BS, University of Tennessee at Chattanooga; PhD, University of Utah

**Robert E. Moss (1992)**

Dr. and Mrs. Larry Hearn McCalla Professor  
Professor  
BA, University of Pennsylvania; PhD, Harvard University

**Youness Mountaki (2017)**

Assistant Professor  
BA, Hassan 2 University of Arts Human Sciences; MEd, Lock Haven University of Pennsylvania; PhD, University of Florida

**James R. Neighbors (2003)**

Professor  
BA, University of Washington; MA, PhD, University of Wisconsin-Madison

**Britton W. Newman (2012)**

Associate Professor  
BA, University of South Carolina; MA, PhD, University of North Carolina at Chapel Hill

**Cecile M. Nowatka (1999)**

Professor  
BA, University of Virginia; MA, College of William and Mary; PhD, University of Kentucky

**Patricia G. Nuriel (2008)**

Associate Professor  
BA, MA, Hebrew University of Jerusalem; PhD, Arizona State University

**Amanda M. Olsen (2022)**

Assistant Professor  
BS, LaGrange College; MS, Kaplan University; PhD, University of Tennessee

**Brian J. Pigott (2014)**

Associate Professor  
BS, University of Calgary; MS, PhD, University of Toronto

**David W. Pittman (2001)**

Professor  
BS, Wofford College; MS, PhD, Florida State University

**Katharine H. Putney (2018)**

Assistant Professor  
BA, Earlham College; PhD, University of Georgia

**Ramin Radfar (2001)**

Professor  
BS, Isfahan University; PhD, University of South Carolina

**Tracy J. Revels (1991)**

Professor  
BA, MA, PhD, Florida State University

**Sheri A. Reynolds (2022)**

John C. Cobb Professor of Humanities  
Professor  
BA, Davidson College; MFA, Virginia Commonwealth University

**William Eddie Richardson (2002)**

Professor  
BS, Belmont University; MBE, Middle Tennessee State University; PhD, University of Tennessee, Knoxville

**Anne B. Rodrick (2000)**

Reeves Family Professor  
Professor  
BA, Northwestern University; PhD, The University of Texas at Austin

**Kimberly A. Rostan (2008)**

Associate Professor  
BA, Duke University; PhD, University of Wisconsin-Madison

**G. Mackay Salley (2002)**

Professor  
BS, Wofford College; PhD, University of Georgia

**N. Russell Sandifer (2022)**

Assistant Professor  
BA, BS, Wofford College; MBA, University of South Carolina - Columbia; PhD, University of Florida

**Kaye S. Savage (2009)**

Professor  
BA, Pomona College; BS, Portland State University; PhD, Stanford University

**Catherine L. Schmitz (2002)**

Professor  
MA, University of Paris - Nanterre; MA, PhD, Indiana University, Bloomington

**Timothy J. Schmitz (2000)**

Professor  
BA, University of Illinois; MA, PhD, Indiana University, Bloomington

**Grace E. Schwartz (2020)**

Assistant Professor  
BA, BS, Virginia Commonwealth University; PhD, Duke University

**Jessica M. Scott-Felder (2016)**

Assistant Professor  
BA, Spelman College; MFA, Georgia State University

**Julie Sexeny (2008)**

Associate Professor  
BA, Barnard College; MFA, Columbia University; PhD, Emory University

**Charles F. Smith (2009)**

Associate Professor  
BS, University of South Carolina; PhD, University of Connecticut

**Joseph A. Spivey (2008)**

Associate Professor  
AA, BS, Emory University; MS, PhD, Duke University

**Natalie W. Spivey (2009)**

Associate Professor  
AA, BS, Emory University; PhD, Duke University

**Patrick M. Stanton (2019)**

Assistant Professor  
BS, Mississippi College; MBA, PhD, Louisiana Tech University

**Katherine R. Steinmetz (2012)**

Associate Professor  
BS, Allegheny College; MA, PhD, Boston College

**James A. Stevens (2020)**

Assistant Professor  
BS, University of Virginia; PhD, University of Georgia

**Amy H. Sweitzer (2005)**

Associate Professor  
BA, College of William and Mary; MA, PhD, University of North Carolina at Chapel Hill

**Philip G. Swicegood (2005)**

R. Michael James Family Professor  
Professor  
BS, Liberty University; MBA, The University of Texas at Austin; PhD, Florida State University

**Amy L. Telligman (2016)**

Assistant Professor  
BS, Presbyterian College; MS, University of Georgia; PhD, University of Colorado

**Timothy D. Terrell (2000)**

T. B. Stackhouse Professor  
Professor  
BS, MA, Clemson University; PhD, Auburn University

**Jessica Tomkins (2021)**

Assistant Professor  
BA, University College London; MSt, University of Oxford; PhD, Brown University

**Katherine G. Valde (2019)**

Assistant Professor  
BA, Lawrence University; PhD, Boston University

**Rachel J. Vanderhill (2014)**

Associate Professor  
BA, Calvin College; MA, PhD, University of Virginia

**Carey R. Voeller (2009)**

Associate Professor  
BA, Portland State University; MA, University Montana; PhD, University of Kansas

**T. Christopher Waidner (2007)**

Associate Professor  
BS, Wofford College; PhD, Georgetown University

**John M. Ware (2006)**

Associate Professor  
BA, University of Virginia; MA, University of North Carolina at Wilmington; PhD, University of North Carolina at Chapel Hill

**Michael D. Webster (2017)**

Assistant Professor  
BFA, East Carolina University

**Clayton J. Whisnant (2001)**

Chapman Professor in the Humanities  
Professor  
BA, Rice University; MA, PhD, The University of Texas at Austin

**Patrick N. Whitfill (2009)**

Associate Professor  
BA, Wayland Baptist University; MA, PhD, Texas Tech University

**Nancy M. Williams (2006)**

Associate Professor  
BA, University of North Carolina at Charlotte; BS, Winthrop University; MA, University of South Florida; PhD, University of Georgia

**Carol B. Wilson (1984)**

Professor  
BA, Wofford College; MA, PhD, University of South Carolina

**Thomas J. Wright (2011)**

Associate Professor  
BA, Bowdoin College; MA, PhD, Johns Hopkins University

**Zhe Yang (2020)**

Assistant Professor  
BS, MS, Capital University of Economics and Business; PhD, University of Alabama

**Gillian T. Young (2020)**

Assistant Professor  
BA, Brown University; MA, New York University; PhD, Columbia University

**Yongfang Zhang (2010)**

Associate Professor  
MA, PhD, Ohio State University

**Steven B. Zides (1999)**

Senior Instructor  
BA, Cornell University; MS, MS, University Of Tennessee, Knoxville

## Retired Faculty

Clarence L. Abercrombie III  
Professor of Biological and Social Sciences  
BA, Emory University; MPhil, PhD, Yale University

John C. Akers  
Professor of Foreign Language  
BA, MA, Middlebury College; PhD, University of California, Los Angeles

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## Wofford College Alumni Association

The purpose of the Wofford College Alumni Association shall be to unite the alumni and friends of Wofford College in good fellowship and in cooperative enterprise with the students, faculty, officers and trustees of Wofford College; to assist in providing an intellectual, spiritual, and aesthetic atmosphere in which scholarly efforts might lead to a common search for truth and freedom; to assist in the recruitment of students who will carry forth this search; and to support in all appropriate ways the aims of Wofford College and the expansion of its achievement and influence. Members shall be persons who have completed at least two semesters (one academic year) at Wofford, current students, persons who are holders of honorary degrees, members of the Board of Trustees, and Faculty and Administration who are not otherwise eligible.

## Alumni Association Board

The governance of the Wofford College Alumni Association is provided by the Alumni Association Board (AAB). A minimum of 30 and maximum of 45 members shall serve on the AAB at any time. In addition, the President of the Terrier Club and the Chair of the Black Alumni Association shall serve as ex-officio members of the AAB with voting privileges. The AAB will meet at least two times each year.

To be considered for membership, alumni must submit an online application and be appointed by the board's nominating committee.

Members shall serve three-year terms with the possibility of reappointment for a second term.

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Atlanta, GA

Matt Bolton '81  
Edisto Island, SC

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Erin Bradley '04  
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Alex Chambers '20  
Atlanta, GA

Larry Chewning '71  
Florence, SC

Catherine Codispoti '03  
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Scott Collins '09  
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Henry Cornelson '18  
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Bill DeLoache '80  
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