



# UVA WISE

UNIVERSITY *of* VIRGINIA'S COLLEGE *at* WISE



## 2022-2023 CATALOG

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## About the College

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The University of Virginia's College at Wise, formerly Clinch Valley College of the University of Virginia, is the only four-year, state-supported college in far southwestern Virginia and is a division of the University of Virginia.

Situated on 396 acres in Wise County, UVA Wise is an incredible example of the determination and perseverance of southwestern Virginia citizens. Before the College was created, there were no public colleges in Virginia west of Radford. Higher education was simply out of reach for most residents of Virginia's Appalachian Mountains.

When local residents Fred B. Greear, William A. Thompson, Kenneth P. Asbury, affectionately known as the "Three Wise Men," and others made their case to University of Virginia President Colgate Darden for establishing a college in Wise, the Commonwealth of Virginia supported the cause by offering \$5,000 to open, staff, and operate the two-year school for the first year.

Local supporters donated over \$6,000 to furnish and equip the classrooms. Wise County donated property and two sandstone buildings, remnants of the county poor farm, to house the first classes. All of these events happened in the winter of 1954. In September of that same year, Clinch Valley College opened its doors to 100 freshmen.

Many of the first classes of graduates went on to the University and other senior institutions and became some of the region's most successful professionals. As more graduates of the two-year college expressed their preference to stay closer to home to complete their baccalaureate degrees, the College began the process to become a senior institution. The College first granted Bachelor of Arts degrees in June 1970. Bachelor of Science degrees were first awarded in 1973. Bachelor of Science in Nursing degrees were first awarded in 1996. From 1954 to 2016, the College has awarded 13,851 degrees and certificates.

One of the most significant events in the College's history was the adoption of a new name. On July 1, 1999, following passage of legislation by the Virginia General Assembly, Clinch Valley College became The University of Virginia's College at Wise.

The small College - once nicknamed "Poor Farm University" - is now a vibrant undergraduate institution. UVA Wise is a member of the Council of Public Liberal Arts Colleges (COPLAC) and recognized as a College of Distinction. In recent years, the College has experienced an expansive building program, the creation of new academic majors, and the recruitment of the next generation of talented faculty and staff.

The liberal arts foundation emphasized at UVA Wise prepares students for professional careers, graduate study, and lifelong learning. The College's liberal arts foundation promotes the thoughtful development of the ideas, insights, values, competencies and behavior of an educated person. Small classes taught by faculty who focus on teaching excellence, creative and scholarly activities, and community service characterize its student-centered learning environment. Campus life provides a rich variety of cultural activities that broaden students' perspectives on the world and its evolving global society.

UVA Wise offers undergraduate programs in the arts and sciences as well as undergraduate professional programs in business, software engineering, nursing, teacher education and other fields, all characterized by a strong liberal arts experience.

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## Accreditation and Memberships

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### ***SACSCOC Southern Association of Colleges and Schools Commission on Colleges***

The University of Virginia's College at Wise is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award the baccalaureate degree. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of The University of Virginia's College at Wise.

### ***ABET Accreditation Board of Engineering and Technology***

The University of Virginia's College at Wise's Bachelor of Science in Software Engineering is accredited by the Engineering Accreditation Commission of [ABET](#). The Bachelor of Science in Computer Science is accredited by the Computer Accreditation Commission of [ABET](#).

### ***ACS American Chemical Society***

Our Bachelor of Science in Chemistry is approved by the [American Chemical Society](#). The American Chemistry Society promotes excellence in chemistry education for undergraduate students through approval of a rigorous set of standards for baccalaureate chemistry programs.

### ***CCNE Commission on Collegiate Nursing Education***

The baccalaureate degree program in nursing at The University of Virginia's College at Wise is accredited by the Commission on Collegiate Nursing Education ([CCNE](#)), 655 K Street NW, Suite 750, Washington, DC 20001, 202-887-6791.

### ***CAEP Council for Accreditation of Educator Preparation***

The Teacher Education Program is accredited by the Council for Accreditation of Educator Preparation ([CAEP](#)) from spring 2017 through spring 2020. UVA Wise is a member of the Council of Public Liberal Arts Colleges (COPLAC) and recognized as a College of Distinction.

### ***NASM National Association of Schools of Music***

The University of Virginia's College at Wise is an accredited institutional member of the National Association of Schools of Music.

## Student Responsibility

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This Catalog is published for the purpose of providing information about UVA Wise and its programs. Contents of this Catalog are subject to change at any time and without notification. Students are responsible for keeping themselves informed of current policies and procedures. While advisors are available to assist with course selection and registration, students are solely responsible for completing major and degree requirements. It is the responsibility of each student to be aware of and to meet the catalog requirements for graduation and to adhere to all rules, regulations and deadlines published in the catalog and in the student handbook. Students are required to participate in all student outcomes assessment activities as deemed appropriate by UVA Wise.

## Non-Discrimination

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The University of Virginia's College at Wise does not discriminate on the basis of age, color, disability, gender identity and/or expression, marital status, national or ethnic origin, political affiliation, race, religion, sex (including pregnancy), sexual orientation, military status (which includes active duty service members, reserve service members, and dependents), veteran status, and family medical or genetic information, in its programs and activities as required by Title IX of the Education Amendments of 1972, the Americans with Disabilities Act of 1990, as amended, Section 504 of the Rehabilitation Act of 1973, Titles VI and VII of the Civil Rights Act of 1964, the Age Discrimination Act of 1975, the Governor's Executive Order Number One (2018), and other applicable statutes and University policies. The College prohibits sexual and gender-based harassment, including sexual assault, and other forms of interpersonal violence. The College operates equal opportunity and affirmative action programs for faculty, staff, and students. UVA Wise is an Equal Opportunity/Affirmative Action Employer.

The UVA Wise Human Resources Office, working with the Office for Equal Opportunity and Civil Rights (EOCR) at UVA, respond to every complaint of discriminatory harassment. If investigations are conducted, act impartially considering the interests of all parties and to the extent practicable, protect the privacy of all parties and the confidential nature of the complaint. The College is committed to providing a workplace and educational environment, programs, and activities free of discrimination, harassment and Retaliation.

Policy HRM-009 -- Preventing and Addressing Discrimination and Harassment and HRM-010 -- Preventing and Addressing Retaliation are based on federal and state laws, including Executive Order 11246, Titles VI and VII of the Civil Rights Act of 1964, the Age Discrimination in Employment Act of 1967, Title IX of the Education Amendments of 1972, the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990 and the Amendments Act of 2008, as amended, the Virginia Human Rights Act, and the Genetic Information Nondiscrimination Act of 2008, as well as state policy, including the Governor's Executive Order One, the Commonwealth's Department of Human Resource Management (DHRM) Policy 1.60 - Standards of Conduct, DHRM Policy 2.05 - Equal Employment Opportunity, and DHRM Policy 2.30 - Workplace Harassment.

- The Equal Opportunity/Affirmative Action is Stephanie Perry, EO/AA Officer, Resource Center, 1 College Avenue, Wise, VA 24293, (276) 328-0240.
- The ADA Coordinator is Whitney Wells, Director of Disability Services, One College Avenue, Wise, VA 24293; (276) 328-0265.

## Campus Security-Clery Act

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The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act (20 USC § 1092(f)) is the landmark federal law that requires colleges and universities across the United States to disclose information about crime on and around their campuses.

UVA Wise is committed to helping the campus community provide for their own safety and security. The [Annual Security and Fire Safety Report](#) contains information on campus security and personal safety, including alerts, fire safety, crime prevention tips, and crime statistics. A copy is available upon request by calling 276-328-0190 or 276-376-3451.

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## MISSION

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The University of Virginia's College at Wise, a public liberal arts institution, provides students with learning experiences that offer opportunities to develop the insight, competence, sensitivity, and integrity necessary for living enriched lives and for enriching the lives of others. Established in 1954 as a college of the University of Virginia, it is guided by the values of citizenship and altruism. Proud of its Appalachian heritage, the College continues to honor its commitment of service to Southwest Virginia, the nation, and the world. The College is guided by a legacy of teaching and scholarly excellence and by a dedication to quality in both the arts and sciences and professional programs. Above all, The University of Virginia's College at Wise is a diverse community of people who believe that information can be transformed into knowledge and that teaching and learning create a foundation for wisdom.

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## GOALS AND VISION STATEMENT

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The University of Virginia's College at Wise has as its goals:

- To provide its students the finest possible education in the public liberal arts tradition that has guided the College since its inception.
- To give students the ability, confidence and initiative to use their undergraduate educational experience as a springboard for greater accomplishment.
- To encourage critical thinking among our students and enable them to make decisions based on research and evidence while retaining their commitment to fairness and compassion.

Through these goals, UVA Wise students will be introduced to the concept of personal and professional excellence. By inculcating in them an appreciation for the benefits of lifelong education and teaching them the skills necessary to carry that habit forward, UVA Wise is helping lay the foundation for the success of future generations. Through these habits, they will develop leadership skills based in honor, integrity, effort and knowledge. As a result, graduates of UVA Wise are globally aware, prepared for the responsibilities of citizenship and poised to become stewards of their community, state, nation and world.

In order to achieve these goals, the College is committed to a series of endeavors that will strengthen the institution and its mission. UVA Wise will continue to strengthen its liberal arts core in ways that will make it a regional leader in interdisciplinary education, engaged learning and community service. The College will increase its commitment to experiential learning through international study, guided research and internship opportunities. The College will utilize the liberal arts as a way to enhance and expand STEM-H programs. To fulfill our mission, the College will expand its outreach and service efforts within our local community and region. These interconnected elements will provide a transformational impetus to existing programs and encourage the development of new initiatives.

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## THE CAMPUS

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The 396-acre campus of UVA Wise is situated on a plateau just outside the Town of Wise, Virginia. Older buildings of native cut Gladeville sandstone flank the modern, well-equipped buildings that form the core of campus.

### ***ALUMNI HALL***

Alumni Hall, owned by the Alumni Association, has been completely remodeled and wired for the campus network. The facility houses the Office of Alumni Relations and a large meeting room used for dinners, receptions, and professional meetings by the College and community.

### ***ATHLETIC FACILITIES***

The Fred B. Greear Gymnasium contains a basketball court, training/conditioning facilities, and offices for the intercollegiate athletics programs. Used as an auditorium, it can accommodate 500 spectators in comfortable, theatre-style seating. The facility is named for the Wise County attorney who was influential in the founding of the College. Adjacent to the gymnasium is a junior Olympic-sized indoor swimming pool. Other facilities include Carl Smith Stadium (football and lacrosse), Humphreys-Thomas Field House, Humphreys Tennis Complex, Stallard Field (baseball), and the softball field. The David J. Prior Convocation Center, adjacent to Smith Stadium, provides indoor seating for 3,000 for basketball and volleyball and 3,700 for concerts.

### ***BOWERS-STURGILL HALL***

Bowers-Sturgill Hall, one of the College's two original buildings and a former women's residence hall, was extensively renovated as the result of generous gifts from Hurshel Bowers and William J. Sturgill. The facility, formerly known as Martha Randolph Hall, now houses offices for the Chancellor, Vice Chancellor for Development and College Relations, and Associate Vice Chancellor for Economic Development and Engagement.

### ***CANTRELL HALL***

Cantrell Hall is named for longtime Southwest Virginia legislator Orby Cantrell. The facility houses Campus Police, the Cantrell Banquet Hall, Cantrell Sandstone Room, the Health Wise Clinic, The Counseling Center, the Division of Student Affairs ((Office of the Dean of Students [Threat Assessment Team, Greek Life, Student Organizations], Housing & Residence Life, Student Conduct, and VCSA) and the Office of Compliance and Inclusion (Title IX, Compliance Programming, and Clery Compliance).

### ***THE CHAPEL OF ALL FAITHS***

The Chapel of All Faiths is used for a variety of special events, lecture series, conferences, and cultural performances.



## **CROCKETT HALL**

Constructed in 1924 as part of the Wise County Poor Farm, Crockett Hall was the College's first classroom and administration building. It later served as a men's residence hall. An historic renovation of Crockett Hall was completed in 2009 and now houses the offices of Admissions, Student Engagement, Cashier, Career Discovery and Planning, Financial Aid, and Registrar.

## **THE WINSTON ELY HEALTH and WELLNESS CENTER**

The wellness center is an 11,000-square-foot facility adjacent to the C. Bascom Slemp Student Center's existing fitness center. The center houses an exercise area with Selectorized weight and cardiovascular equipment, free weights, multipurpose rooms for group exercise and other activities, racquetball courts, a conference room for individual and group health advising and instruction, and locker rooms. The facility also supports the efforts of the Healthy Appalachia Institute, a partnership between the college and the University of Virginia to promote wellness in the region.

## **C. BASCOM SLEMP STUDENT CENTER**

The Slemp Student Center, named for the former U.S. Congressman and personal secretary to President Calvin Coolidge, effectively bridges the upper and lower campus while providing office and meeting areas in the Student Leadership wing for the Student Government Association, Highland Cavalier, Honor Court, Jimson Weed, Student Activities Board, and other student organizations. It also is home to the Bookstore, Post Office, CAVS Card ID office, Chick-fil-A, and the offices of Student Activities, Intramurals, Outdoor Recreation, and Conferences & Events. Additionally, it includes Dogwood and Rhododendron Room conference facilities, an Art Gallery, the Jefferson Lounge, and a game room.

## **LILA VICARS SMITH HOUSE**

The official residence of the College's chancellor is named in memory of Mrs. Lila Vicars Smith, a Wise resident who instilled the value of education in her son, Carl Smith. Since its construction in 1991, Mr. Smith made many generous contributions in memory of his mother for improvements to the chancellor's residence. The Georgian-style home is the host site for numerous receptions and other special campus events during the academic year.

## **COLLEGE LIBRARY**

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The library at The University of Virginia's College at Wise is a \$37 million facility featuring 68,000 square feet of space over six floors. It provides students with a lively and inviting place for study, research and recreational reading. When the College is in session, the library is open seven days a week. In addition to print and online holdings, the new building contains a formal reading room, a special collections area, "Smart Group" classrooms, twelve collaborative study rooms, computers for patron use, wireless connectivity, and 24-hour study spaces. The library also houses the Books & Brew Café, serving beverages and sandwiches daily. The Multicultural Center, which serves to promote inclusion and engagement for historically underrepresented students, is housed on the 3<sup>rd</sup> floor.

## COLLECTIONS

The library holds a collection of more than 120,270 book volumes; 27,400 volumes of bound periodicals; 66,700 units of microforms; and 2,000 audio-visual media items. The library has access to over 159,700 online books, plus 980 print and 3,000 online subscriptions to magazines and newspapers of scholarly and general interest. The online catalog, available through the library's [homepage](#) provides easy access to the collections. The library engages in many cooperative ventures with The University of Virginia's libraries. The library is a depository for federal and state documents, with special emphasis on publications related to Southwest Virginia. Many documents and manuscripts pertaining to the region, including the Historical Society of Southwest Virginia Collection and the James Taylor Adams Papers, are housed in Special Collections.

## SERVICES

**Circulation** -- Books circulate for three weeks and may be renewed unless another patron has requested them. Students use the campus-wide CAVS card to borrow and renew material. A fee of 10 cents per day per item is charged for overdue materials.

**Interlibrary Loan** -- The library's collection satisfies most needs, but additional books and journal articles are available through Interlibrary Loan (ILL) at no cost to students and faculty. Through OCLC membership, the library can access library collections throughout the world for needed materials. ILL materials may be requested electronically through the library's homepage.

**Reference Services** -- Four librarians and other paraprofessional staff are available to assist students with reference questions. Reference service is enhanced with many full text databases, including EbscoHost, JSTOR, Factiva and OVID, available through the library's homepage. The library also has both on-site and remote access to additional bibliographic and full-text databases.

**Bibliographic Instruction** -- Librarians offer subject specific bibliographic instruction to introduce students to research methods and the databases and print resources available in the library.

**Reserve Material** -- Many faculty place books, articles, and audiovisual materials on reserve for student use. Items are loaned for various periods including 2 hours, 1 day, 3 days, and 7 days. Fines are 25 cents per hour for 2-hour reserve materials and 25 cents per day for other reserve items.

## CLASSROOMS AND LABS

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Classrooms and faculty offices are located in Darden Hall, the Leonard W. Sandridge, Jr. Science Center and Zehmer Hall on the upper level of the campus, and in Smiddy Hall and the Gilliam Center for the Arts on the lower level. One classroom is located in Henson Hall, Culbertson Hall and Commonwealth Hall.

### ***Darden Hall***

The 35,000 square foot facility is named to honor the Colgate W. Darden family who were instrumental in the founding of the College and continue to be supporters. Darden Hall houses

computer and mathematics laboratories, classrooms, the HelpDesk and faculty offices. The Departments of Education, Mathematics and Computer Science, and Nursing maintain offices and computer labs in the building.

### ***Gilliam Center for the Arts***

The performing arts facility was named in honor of the Gilliam family, who have a long history of supporting the College. Family matriarch Betty J. Gilliam was a professor emeritus of art at UVA Wise. The Gilliam Center brings theater, music, and art together under the same roof. The 14.5 million dollar facility houses a black box theater, art gallery, dance and music rehearsal spaces and art and music studios.

### ***Leonard W. Sandridge Science Center***

The Sandridge Science Center, which recently underwent a major addition of chemistry and biology laboratories, houses a lecture hall, a computer laboratory, software engineering laboratory, classrooms, laboratories and offices for the Department of Natural Sciences. The Sandridge Science Center received LEED Platinum Certification from the U.S. Green Building Council.

### ***Smiddy Hall***

Named for Chancellor Emeritus Joseph C. Smiddy, Smiddy Hall offers classroom space and offices for the Departments of Business and Economics and Social Sciences. The Offices of the Provost and Vice Chancellor for Academic Affairs and Institutional Research are also located in Smiddy Hall. The Information Technology wing houses the campus computing operations.

### ***Zehmer Hall***

Zehmer Hall is home to the Departments of Communication Studies, History and Philosophy, Language and Literature, and Media Services. Several specialized facilities located in Zehmer Hall include the Clinical Nursing Resource Center, the Language Lab, and the Oral Communications Lab. The Academic Support Center is on the ground floor and students who need academic assistance should take advantage of the three main programs operating in this area:

- ✓ **TRIO Student Support Services** – support for first generation, low-income and students with disabilities
- ✓ **Disability Services** – accommodation services for qualified students with disabilities
- ✓ **The Tutor Connection** – free tutoring services to all students

### ***Writing Center***

The Writing Center was established and is maintained in a collaborative effort by the Department of Language and Literature and Student Support Services. Students may come to the Center, located on the ground floor of the library, for assistance with any writing project or presentation. The Center also accepts referrals from faculty members. Tutors are students who are experienced in tutoring for composition classes. The Writing Center contains 20 PCs and Mac computers for use by students during tutoring sessions. Most computers have Microsoft Office and digital media applications.

## COMPUTER FACILITIES

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UVA Wise is committed to providing the skills students will need as workers and responsible citizens in the information age. A campus-wide computer network provides students access to the Internet and on-campus network resources. Wired computer network ports may be available in residence hall rooms and there are ports available in many locations on campus. A campus wireless network is also available for use by students, faculty and staff (via CavsNet) as well as visitors to campus (via CavsNet-Open). Attaching a computer to the campus wired network and the CavsNet wireless network requires that certain criteria be met. This information can be found on our [website](#). The College has several departments integrating Internet usage and multimedia into the educational experience. Seven computer labs, all offering Internet access, are available to students.

### ***Business Lab & Psychology Lab (Smiddy Hall)***

Supports business and psychology coursework with a network of 30 PC computers. Primary applications include word processing, spreadsheets and database.

### ***Digital Lab (Gilliam Center for the Arts)***

Supports the Visual and Performing Arts programs with a network of 16 computers used for graphic design, printmaking, 2-D/3-D design and more.

### ***Language Lab (Zehmer Hall)***

Supports language and literature coursework with a network of 15 PC computers. Primary applications are specialized foreign language programs.

### ***Mathematics and Computer Science Labs (Darden Hall)***

The Department of Mathematics and Computer Science manages two computer labs with over 50 workstations, five servers, and a 64 node cluster operating on a gigabit backbone. Students have access to both Windows and Linux operating systems, as well as the following resources: Microsoft Office, Mathematica, LabVIEW, Simscript, software development, web development, CD authoring tools, robotics, electronics, color printing and scanning, and CD and DVD-ROM burning. Two wireless access points are also available.

### ***Science Lab (Sandridge Science Center)***

Supports science coursework with a network of 15 PC computers. Primary applications are specialized science programs.

### ***Social Sciences Lab (Smiddy Hall)***

Five PC computers support students analyzing data with statistical software such as SPSS.

## HOUSING AND RESIDENCE LIFE

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The goal of the Residence Life program is to support the academic program by providing a living and learning residential environment that is conducive to the growth and development of liberally educated students so they become full participants in a democratic society and the world at large.

The College offers students a variety of on campus living arrangements including double rooms, suites, and apartments. All basic furniture items are provided in each facility and each hall has laundry facilities located within or in an adjacent residential facility. Each unit also has local telephone (excluding Commonwealth Hall) and basic cable TV services included. Each facility is equipped with WIFI Internet access. All residential facilities are tobacco-free.

Residential facilities include Asbury Hall, Commonwealth Hall, Culbertson Hall, Henson Hall, Martha Randolph Hall, McCraray Hall, and Thompson Hall.

Students can apply for housing, accept/deny the condition of their room, and seek roommates through the online housing portal available through the [student portal](#). The online portal requires a UVA Wise email address and password and the students will need their UVA Wise student ID number to accept their housing agreement. For questions or problems accessing the student housing portal, please contact the [Office of Housing and Residence Life](#) office at 276-328-0214.

## **RESIDENCE HALL GUIDELINES**

In keeping with the policy of The University of Virginia's College at Wise, housing assignments are made without discrimination by reason of age, citizenship, color, handicap, political affiliation, race, religion, sex, sexual orientation, national origin, or status as a disabled veteran or veteran of the Vietnam era. The College reserves the right to make additional regulations necessary for the protection of property and for the safety, health, comfort, and convenience of all residents at any time. The Office of Housing & Residence Life staff reserves the right to move students at any point during the year.

The Housing Agreement is a binding agreement between the residents of a campus housing facility and UVA Wise. Unless otherwise stated, the agreement is for one academic year, including fall and spring semesters. All first-year students are required to live in on-campus housing, unless they are permanent residents of Wise County or the city of Norton, are married, or are age 25 or older. Residents and/or Residence Life staff are encouraged to recommend changes to the Housing Agreement. Recommended changes must not be contrary to established College policy and must be approved by the proper authority.

Students should consult the 2022-2023 Guide to Campus Living for policies, procedures and information pertaining to living in the residence halls and life on campus. For more information regarding on-campus housing, visit the [Office of Housing & Residence Life](#).

The occupants and/or Residence Life staff are encouraged to recommend changes to the Housing Agreement. Recommended changes must not be contrary to established College policy and must be approved by the proper authority.

## **DINING SERVICES**

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Chartwells, the College's contracted dining services provider, offers convenient dining options in four campus locations. The Smith Dining Commons, named for long-time benefactor Hunter J. Smith, is a two-level facility on the lower campus that serves as the College's primary dining space. The upper level houses the main dining hall and provides a variety of all-you-can-eat menu options in a cafeteria-style setting. Build Pizza and Subs offers customizable pizza and

subs, salads, snacks and drinks. Located on 1st Level of Smith Dining Commons. Mondos is located in the lower level of Smith dining commons and is the perfect place to get made-to-order subs and wraps. Mondo's offers multiple breads, meats, cheeses and vegetables to make your sub or wrap exactly how you want it. Chick-Fil-A is located on the 4<sup>th</sup> Floor of the Slemp Student Center. Stop on by to grab yourself some nuggets, a classic or spicy sandwich, chicken minis, salads and more. The Books & Brew Café in the library proudly serves Starbucks and features several drink items. This location offers snacks as well.

The College offers an unlimited dining plan with 50 premium swipes. Premium swipes may be used in campus retail locations. This plan is required for all freshman students. Second year students and above can choose a second meal plan that includes 175 meal swipes plus \$50 bonus dollars for the same meal locations. Three meals per weekday and two on weekends are provided in the Smith Dining Commons. Students can eat in the main dining hall of Smith Dining Commons as often as they wish.

Commuting students, faculty and staff may purchase meal blocks of 25, 50 and 80 for use throughout each semester. Faculty and Staff may also purchase a Faculty & Staff Meal Plan for greater value. These meal blocks provide the flexibility of carrying remaining meals over from week to week throughout the semester. They may be used in Smith Dining Commons, the Slemp Student Center eatery and Papa Joe's Café. Visit our [campus dining page](#) for more information on meal plans and other services and programming offered through Chartwells.

## **STUDENT GOVERNANCE**

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### ***HONOR SYSTEM***

UVA Wise adopted an Honor System in 1956 under which all students pledge to cooperate in acting honestly and honorably. The Honor System is administered by an Honor Court, elected each spring by the student body, composed of two representatives from each class. It is the job of the Honor Court to enforce the Honor System and to adjudicate violations. The complete Honor Court Constitution can be found in the [Student Handbook](#). The Honor Court office and conference room are located in the Student Leadership Center on the third floor of the Slemp Student Center.

### ***CONDUCT SYSTEM***

The Conduct System at The University of Virginia's College at Wise is designed to support the purpose and mission of the College. The System is intended to be educational rather than punitive. A fundamental premise of the system is that students are expected to act responsibly to ensure that each student has the opportunity to grow intellectually, spiritually, physically, and socially. The Conduct System encourages accountability by emphasizing the inherent relationship between individual choice and its impact.

The [Student Handbook](#) and [Guide to Living on Campus](#) outline the expectations for student behavior. The procedures of the Conduct System are explained in full in the [Student Conduct System](#).

## ***STUDENT CODE OF CONDUCT / STUDENT CONDUCT BOARD***

The University of Virginia's College at Wise is a community of scholars in which the ideals of freedom of inquiry, freedom of thought, freedom of expression, and freedom of the individual are sustained. The College is committed to preserving the rights guaranteed to individuals by the Constitution of the United States. The exercise and preservation of these freedoms and rights requires a respect for the rights of all in the academic community to allow everyone to enjoy them to the same extent. Conduct that hinders the educational process, interferes with the community of learning, or infringes the processes of the College or the rights of other members of the College cannot be condoned.

The Conduct System uses a preponderance of the evidence standard to determine responsibility in conduct cases. To fulfill our goals and mission, the College retains the authority to maintain order within the College and exclude those who are disruptive of the educational process. Students enrolling in the College assume an obligation to conduct themselves in a manner that aligns with the College's function as an educational institution. Students are expected to conduct themselves in a manner that fosters a respectful community, both within the College and elsewhere.

Student conduct that is outside the jurisdiction of the Honor Court but which tends to discredit or injure the College, the Chancellor is authorized by the President of the University of Virginia to provide applicable due process, and upon determination of College policy or code violation to impose an appropriate penalty, up to and including expulsion from the College. The Chancellor has delegated this authority to the Assistant Dean of Students for Conduct & Responsibility and the Student Conduct Board. The College reserves the right to suspend, enforce the withdrawal of, or expel a student who violates the Code of Conduct.

## ***STUDENT GOVERNMENT ASSOCIATION***

The UVA Wise Student Government Association furthers the best interests of students, represents the student body in matters affecting student life and affairs of the College, promotes and supervises student organizations and activities, and promotes improvement of community conditions.

The SGA, elected by the student body, consists of an Executive Board (president, vice-president, secretary, treasurer), and a Senate (four senators from each class, an international senator and three at-large senators). The Dean of Students & Chief Housing Officer serves as the advisor to the Student Government Association. All students enrolled for six or more semester hours at UVA Wise are voting members of the Student Government Association (SGA).

Visit the [SGA constitution](#), policy book and list of officers to obtain additional information. The Student Government Association office and the SGA President's office are located in the Student Leadership Wing on the third floor of the Slemp Student Center.

## ATHLETICS

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UVA Wise offers every student an opportunity to engage in sports as both a participant and a spectator. UVA Wise is a member of the National Collegiate Athletic Association (NCAA) Division II, and competes in the South Atlantic Conference in all of the following sports:

- Women's sports: basketball, cross country, golf, lacrosse, softball, tennis, and volleyball.
- Men's sports: basketball, baseball, cross country, football, golf, and tennis.

Students and employees with a valid Cavs Card ID are admitted without charge to all home athletic events, excluding NCAA tournaments.

## BOOKSTORE

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Owned and operated by the College, the UVA Wise Bookstore is the official retail outlet for all student needs, and offers the following: new, used, and rental textbooks, as well as study and reference material for campus classes; school, office and computer supplies; a selection of apparel for men, women and kids; graduation items such as Home Ride tickets, Cavalier Connection tickets, diploma frames, class rings and announcements available from UVA Wise Printing Services; gift cards and campus print cards for purchase; convenience items such as drinks, snacks and toiletries; and special order service for items not currently in stock.

The Bookstore accepts cash, personal checks, Visa, Mastercard, Discover, and student charge as forms of payment. Hours of operation during the academic year are 8 a.m. to 5 p.m. Monday through Friday. The Bookstore is closed on weekends, except for select athletic events or other special events. Visit [www.uvawisebookstore.com](http://www.uvawisebookstore.com) for more details. The Bookstore offers online purchasing as well.

## CAMPUS MAIL SERVICES

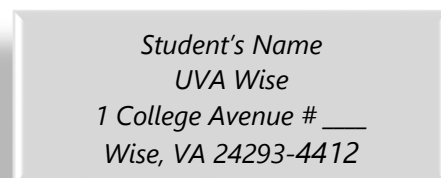
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Campus Mail Services, located in the Slemp Student Center, is the depository where students can send and receive personal mail, and where students, faculty and staff may communicate via intercampus mail free of charge for all official business-related intercampus mail. All students may register for a campus mailbox at Campus Mail Services, with residential students given first priority.

All correspondence should be addressed as:

Please note: Package deliveries for students are only available for pick-up at the Campus Post Office.

There are no deliveries to the residence halls.



## CAREER DISCOVERY AND PLANNING

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Career Discovery and Planning offers programs, services and information to students and alumni to assist in developing and implementing career goals. Freshmen are encouraged to make an appointment during the first semester to develop a four-year plan for career readiness.



One-on-one career counseling is available to help individuals decide on a major, choose a career, learn job search techniques, and research graduate schools. A variety of workshops are offered each semester on topics such as résumé and cover letter writing, networking, job interview tips, and preparing for life after graduation.

Career Discovery and Planning shares employment and internship opportunities directly with students and faculty, as well as through social media and on Cantrell Hall bulletin boards. The department brings employers and graduate/professional schools to campus throughout the year.

The office of Career Discovery and Planning houses a number of print resources, including preparation materials for tests such as the MCAT, LSAT and GRE, as well as informational brochures for graduate schools throughout the country. Also available to students are two computers and a printer, for research and material preparation.

## **CAVS CARD ID**

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The CavsCard ID is the official identification card for UVA Wise students, faculty and staff. When asked by any College official, individuals must present their Cavs Card for inspection. Cards are issued in Mail Services on the fourth floor of the Slemp Student Center. There is a \$5 fee for a CavsCard, and a \$15 fee for any replacement cards. CavsCards are non-transferable.

The CavsCard serves as a library card, athletic pass, meal card, campus vending card, and Slemp Student Center recreation pass. The CavsCard allows students to deposit monies in their account at the Value Port located on the fourth floor of the Slemp Student Center, online through ManageMyID, or at the Cashier's Office (fees apply to deposits made online or at the Cashier's Office). Students can use their CavsCard for debit-type purchases in the Bookstore, Post Office, campus dining facilities, and from campus vending and laundry machines. Parents can add funds to their student's accounts online through the ManageMyID site as well. The CavsCard is also used for the student charge system in the Bookstore.

## **COLLEGIATE MINISTRIES**

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Although non-denominational, UVA Wise offers students many opportunities for spiritual growth and development. Collegiate Ministries seeks to provide and assist with the varied religious activities and opportunities available to students at The University of Virginia's College at Wise. Campus ministers from the Baptist Collegiate Ministries, Catholic Student Ministry, and Wesley Fellowship offer pastoral counseling, friendship, and programming for students of all faiths. The BCM and Wesley have buildings adjacent to campus that are available daily for recreation, study or social opportunities. Churches representing almost every expression of faith are represented in Wise County. Many world religions also are practiced in Southwest Virginia. Contact one of our campus ministers for more information.

## **THE COUNSELING CENTER**

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The emerging adulthood phase of life and the demands of college can be stressful. When dealing with challenging issues, it can be beneficial to talk with a professional to gain a more objective perspective. Free confidential counseling services are provided by a licensed

professional counselor (LPC) and two residents in counseling under the direct supervision of the LPC. Services are available to all students (full-time or part-time) weekdays from 8am – 5pm. Individual counseling sessions are available on a wide variety of topics, including, but not limited to: personal growth, stress management, homesickness, anxiety, depression, relationship issues, grief, substance use, test anxiety, time management and family issues. Group sessions are available based on student need and participation.

A variety of services are also provided to the campus community, include: educational and awareness programs, crisis intervention, employee consultations and referrals for medication evaluation. (Any fees incurred for off-campus treatment are the responsibility of the student and/or the student's insurance company.)

## **GREEK LIFE**

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The Greek Life system at UVA Wise seeks to cultivate a community of excellence among its member fraternities and sororities. Additionally, members seek to positively impact the College community through dedication to philanthropy and member contributions.

The UVA Wise Greek Life system is comprised of national fraternities and sororities that belong to governing councils. All sororities are members of the Panhellenic Council (PHC) and fraternities are members of the Interfraternity Council (IFC). Students interested in Greek Life should visit the Office of the Dean of Students or contact 376-328-0214.

## **HEALTH SERVICES**

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The UVA Student and Employee Health Wise Clinic is the first for the University Health System. The clinic is located in Cantrell Hall and includes a nurse practitioner, registered nurse, and a handful of support staff. It houses three examination rooms, a telemedicine room, and several medical staff and support staff offices.

The clinic is open Monday, 8:00am to Friday, 5:00pm. Walk-ins are welcome during normal business hours. Please bring insurance cards to every visit as well as a list of all medications you are taking

All incoming students are required to have a Pre-Entrance Health Form on file prior to registration, including immunization records. All students are also required to provide proof of insurance prior to registration. Information is available regarding various off-campus insurance plans that offer student rates. Students who do not have a Pre-Entrance Health Form on file and proof of insurance will not be allowed to register for classes or access grades. All athletes require a sport physical and the appropriate form can be found in the health packet provided to incoming students.

## **INTRAMURALS**

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The University of Virginia's College at Wise offers students and employees a wide range of recreational opportunities through the Intramurals program. The program boasts more than 3,500 annual participants.

UVA Wise offers one of the best small college intramural programs in the Southeast with facilities that include lighted recreational fields and a softball field. Seasonal and single day events fill the campus calendar with a multitude of traditional and nontraditional sports and table-top competitions including softball, basketball, indoor and outdoor soccer, flag football, arena football, wiffleball, bowling, billiards, wallyball, sand volleyball, frisbee golf, archery tag, fantasy and trivia sports, gaming system tournaments, table tennis, air hockey, racquetball, corn hole, shuffleboard, tennis, among other events. Intramural participants also participate in NIRSA sponsored regional and national tournaments for basketball, flag football and softball.

Outdoor Recreation enhances the educational experience through exposure to programs and activities that promote intellectual, cultural, social, recreational, and personal growth. The Outdoor Recreation program takes advantage of the opportunities afforded by the natural surroundings of the Southwest Virginia mountains. Events include overnight ski trips, camping, white water adventures, kayaking, hiking/picnic trips, zip lining, obstacle races, amusement park trips, skydiving jumps, MLB/NHL/NBA/NFL game trips, and more. The program also has various camping and outdoor equipment available for students to use on their own weekend treks.

## DIVERSITY AND INCLUSION

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### *THE OFFICE FOR DIVERSITY, EQUITY & INCLUSION (ODEI)*

The University of Virginia's College at Wise is committed to operating with integrity and honor in full compliance with all applicable federal and state laws and regulations, as well as fostering an institutional wide culture which understands that diversity, equity, and inclusion are essential to the College's mission and continued Inclusive Excellence efforts. ODEI is located on the upper level of Cantrell Hall.

- **Multicultural Center**

ODEI operates the Multicultural Center that aims to promote inclusion and engagement for historically underrepresented students. The Center seeks to cultivate an environment that promotes equal identity empowerment for everyone, provide culturally relevant services, and build an understanding through dialogue.

Please visit the Multicultural Center on the third floor 24/7 side of the Library.

- **Programming & Education**

ODEI is also committed to providing education and awareness programs and initiatives for the campus community that includes but is not limited to: Title IX, VAWA, Clery, Safety, DEI and protected statuses.

### THE MULTI-CULTURAL ALLIANCE (MCA)

MCA open to all students, offers the chance to share knowledge of cultures and traditions with the entire campus community. Trips, dinners and other campus events are only part of MCA's agenda for enriching the UVA Wise campus environment.

## STUDENT ACTIVITIES

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The Office of Student Activities enhances the educational experience through exposure to programs and activities that promote intellectual, cultural, social, and personal growth.

Through Student Activities, the student-led Student Activities Board (SAB) plans, promotes, and implements a variety of programs designed to meet the needs of a diverse student body through both contracted and 'home-grown' events. Weekly SAB meetings are open to all students.

More than 11,000 annual campus participants enjoy comedians, magicians, hypnotists, a movie series, as well as events such as making their own street signs, lip balm, Valentine bears, taco Tuesday and more.

More than fifty clubs and organizations provide students with academic, political, service, Greek, social leadership, and fellowship opportunities. The Student Organization Handbook, annually published online by the Office of Dean of Students, provides students and advisors guidance for establishment of new organizations, management of current organizations, policies and procedures, available campus resources, and a directory of current organizations and their leadership contacts.

## **STUDENT HANDBOOK**

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The [Student Handbook](#) is the guide to life at UVA Wise and is available in an online only format. It includes the College's goals, mission, policies, student life information including student clubs and organizations, student code of conduct, residence hall guidelines, and much more.

## **THREAT ASSESSMENT TEAM**

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UVA Wise has a Threat Assessment Team to help preserve the safety and security of the campus community in collaboration with other College services and in accordance with requirements outlined in the Code of Virginia (23-9.2:10). The mission of the Threat Assessment Team (TAT) is to assess and to intervene regarding any individual whose behavior may potentially pose a threat to self, others, or the campus community. The team will plan and respond to potential threats or any act of violence in an attempt to prevent a critical incident and to maintain the safety of those involved as well as the safety of the campus community.

All members of the UVA Wise community are responsible for preventing violence and supporting the safety of our campus community. The Threat Assessment Team depends on the referrals of the community – students, faculty, staff, and visitors – to keep UVA Wise a safe and enriching campus for all who live, study, and work here.

Faculty, staff, and students may contact any member of the Threat Assessment Team at any time to report observations of unusual behavior, regardless of whether or not a conduct or behavior violation has occurred. TAT contact information is available online at [www.uvawise.edu/threat\\_team](http://www.uvawise.edu/threat_team).

Always in the event of an emergency or immediate safety concerns, contact Campus Police at 276-328-COPS weekday business hours; 276-328-3756 after hours, non-emergency; or 911 for all emergencies.

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## ADMISSIONS

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### ***ADMISSION TO THE COLLEGE***

UVA Wise seeks to admit students whose intellectual ability, preparation, and seriousness of purpose indicate potential for success in the programs of study offered. Admission to the College is competitive.

### ***ACADEMIC PREPARATION***

All applicants for admission to UVA Wise must be graduates of approved secondary schools or hold certificates of high school equivalence (GED – see GED Policy heading below ). Preference is given to students who meet the following criteria:

1. Earn an Advanced Studies Diploma or its equivalent
2. Rank in the top half of their graduating class
3. The SAT Reasoning Test will report composite scores ranging from 400-1600. Competitive applicants for admission to UVA Wise should demonstrate a composite score of 900 or better on the critical reading and mathematics sections. ACT Assessment composite scores of 17 or better required for all ACT takers.
4. Complete the following courses:
  - 4 years of English
  - 3 or more courses in mathematics, including algebra 1 and 2 and a course selected from among geometry, trigonometry, advanced mathematics, or calculus
  - 2 or more years of natural science beyond general science
  - 2 or more years of a foreign language
  - 1 year of American history
  - 1 year of world history

### ***ADMISSION TESTS***

The SAT Reasoning Test or the ACT Assessment is optional for admission. The following exceptions are granted:

1. The student is 25 years of age or older.
2. The student has earned an Associate of Arts or Associate of Science degree from an accredited community college.
3. The student has completed 30 credit hours of transferable credit at an accredited institution prior to enrolling.

## **APPLICATION PROCEDURES FOR FRESHMEN**

1. Initiate the admissions process early in the senior year of high school or at least one semester prior to the anticipated date of enrollment, especially those who wish to apply for financial aid.
2. Obtain application materials from the Office of Admissions or your high school guidance office and complete the application form and the in-state tuition form as directed. Students who prefer to apply on-line may do so at [www.uvawise.edu](http://www.uvawise.edu).
3. Arrange with your high school guidance office to take the SAT Reasoning Test or the ACT when given in your area, preferably by January.
4. Submit the non-refundable application fee of \$25 with your application materials. (Your application cannot be acted upon without this fee.)
5. Instruct your high school guidance counselor to send an official transcript of your grades to the Office of Admissions.
6. Instruct the registrar at each college from which you have registered for classes prior to your enrollment at UVA Wise to send an official transcript of your grades to the Office of Admissions.
7. When your file is complete, action will be taken by the Vice Chancellor for Enrollment Management or the Admissions Committee. Notification of the decision will be sent to you by mail.
8. Upon notification of admission, you will then receive your UVA Wise email account information. Other offices such as the Office of Student Engagement, Financial Aid, Housing and Student Health will notify you about next steps.
9. Apply for financial aid after October 1st and no later than March 15 for the fall semester, or December 1 for the spring semester, in order to receive full consideration for financial aid. This process requires filing the Free Application for Federal Student Aid (FAFSA). The necessary forms are available from your guidance counselor or from the College's Director of Financial Aid.
10. Prospective students and their families are encouraged to call the Office of Admissions and arrange for a visit to the college.

## **CLASSIFICATION AS A VIRGINIA STUDENT FOR TUITION PURPOSES**

Students are classified as a Virginia or Non-Virginia Resident by the Office of Admissions based upon information provided on the Application for In-State Tuition Privileges. In addition to Virginia and Non-Virginia classification, students may also be classified for special tuition rates in certain areas. Please refer to the special tuition rate section below

Students may request an interpretation of their status by the Comptroller's Office one year after the initial application for admission and actual admission to the College have been approved. The student must provide evidence sufficient to establish Virginia as domicile and that a previous domicile has been abandoned for at least one year prior to requesting a status change. Specific guidelines are available at the Cashier's Office.

## **CLASSIFICATION FOR SPECIAL TUITION RATES**

Students within a 50-mile radius of UVA Wise in Tennessee and Kentucky and those within the Appalachian Region are eligible for special tuition rates based on information provided through the special tuition rates application. Supporting documentation is required and reviewed by the Office of Admissions to prove domicile within each eligible county and state. This information is requested by the Office of Admissions upon the formal acceptance of the student to UVA Wise. All required documentation must be received in the Office of Admissions for eligibility decisions and are subject to annual review.

### ***DUAL ENROLLMENT STUDENTS***

Current high school seniors may apply to take coursework under the dual enrollment program. Students who are admitted to the dual enrollment program will be concurrently enrolled at the College and at their high school. They should be classified as seniors by their high school. The purpose of this program is to supplement the high school curriculum for students with strong academic backgrounds. Students should be on track for graduation and have completed the normal academic requirements for graduation (except senior English). Permission is required by parents and the high school. Dual enrollment students may not live in a residence hall or receive financial aid.

### ***EARLY ADMISSION***

For students who choose to apply early in their senior year, UVA Wise offers two nonbinding early admissions programs. These programs allow students to take advantage of certain benefits including academic scholarship consideration, special registration sessions, consideration for participation in the Peake Honors Program, and a broader selection of residence hall options. Freshman application review for the fall semester begins on September 1. Applications for Early Admission I are due by December 1. Applications for Early Admission II are due by February 1.

### ***ADMISSION OF INTERNATIONAL STUDENTS***

UVA Wise is authorized to offer admission to international students who wish to study in the United States. International students who are not United States citizens should submit the following documents to the Office of Admissions by April 1 for the fall semester, and by November 1 for the spring semester:

1. An application for admission to the degree program.
2. Official, translated academic transcripts from all secondary schools, colleges, and universities attended previously. Academic evaluations should be provided by World Education Services (WES). Applicants are required to select the course-by-course report option from the preferred credential evaluation services. General reports are not sufficient.
3. SAT (Scholastic Aptitude Test I) or the ACT (American College Test) scores.
4. English Language Requirements: Applicants whose native language is not English must demonstrate proficiency in English by taking one of the following tests.
  - **Test of English as a Foreign Language (TOEFL)** Satisfactory scores (550 or above on the paper-based test, 213 or above on the computer -based test, 80 or above on the Internet-based test) on the [Test of English as a Foreign Language \(TOEFL\)](#).

- **Advance Placement International English Language (APIEL)** In lieu of the TOEFL, applicants may submit scores from the Advance Placement International English Language (APIEL) exam. An applicant will be deemed proficient in English upon receipt of a score of 3 or greater.
  - **Duolingo** An applicant will be deemed proficient in English upon receipt of a score of 105 or higher.
5. A Supplemental Form certifying that adequate funds are available for college study prior to coming to the United States.

## ***VISA INFORMATION FOR INTERNATIONAL STUDENTS***

The University of Virginia's College at Wise welcomes international students both as degree-seeking and as exchange students. Degree-seeking students require F-1 visas, and exchange students J-1 visas. Form I-20 which is required for F-1 visas is issued in Academic Affairs, Smiddy Hall 204. It will be sent to students when they are admitted to the College. Form DS 2019 required for J-1 visas is issued by UVA in Charlottesville and is sent to exchange students upon admission. Upon receipt of the proper form, students should make an appointment with the U.S. Embassy in their own country to obtain visas. Students should be aware that embassy appointments sometimes require long waiting periods, depending on the country of origin. Once accepted, exchange students should also contact the Provost's designee in the Office of Academic Affairs for assistance planning a full 12 credit-hour schedule and enrolling in courses as well as for assistance with other logistical issues.

When students arrive on campus, they should report to the Office of Academic Affairs to complete required paperwork concerning student responsibilities. They must keep their valid DS 2019 or I-20 form with them and be sure to obtain a travel signature from the Designated School Official (DSO) in the Provost's Office on that form each time they travel outside of the U.S. International students may only work on campus with permission of the DSO, and they will require a social security card to do so. SEVIS regulations limit work to a total of 20 hours per week. When students complete their studies, they have 30 days to leave the U.S. unless they are eligible to remain based on an application or petition that is pending with the U.S. government.

## ***ENROLLMENT DEPOSIT***

All students applying for admission to the degree program will be required to submit an enrollment deposit in the amount of \$75 upon notification of acceptance to UVA Wise. Upon enrollment at UVA Wise, the enrollment deposit is credited to the student's account. Enrollment deposit dates are specific and are outlined in your acceptance letter.

## ***FALSIFICATION OF STUDENT RECORDS***

Students who furnish the college with false, misleading, or incomplete information relating to their application for admission or academic record will be subject to denial or dismissal.

## ***GED POLICY***

A student applying as a first time freshman who has attended an approved secondary school but who possesses a GED in lieu of a high school diploma must provide an official high school



transcript of all courses completed and an official copy of the GED score. A student applying as a first time freshman who has completed a home schooling program not approved by a certifying agency must provide an official copy of GED scores. All applicants must submit SAT I or ACT scores unless he or she is age 25 or older. The student's application will be evaluated for admission based upon the required GED score of 165. A student possessing a GED may be offered regular or provisional admission, or may be referred to a community college to acquire needed skills in English and/or mathematics.

### ***NON-DEGREE SEEKING STUDENTS***

A non-degree student is one who is not seeking admission to a four-year degree program at UVA Wise. These students fall into two categories:

1. The student taking classes for self-improvement and not progressing immediately toward a degree may take up to seven hours per semester.
2. The student who holds a bachelor's degree and is not working toward a bachelor's degree at UVA Wise may enroll either part-time or full-time and is not subject to the seven-hour per semester limit.

The following procedures should be followed in applying for non-degree student status:

1. Complete a non-degree application form and return it to the Office of Admissions.
2. The Vice Chancellor for Enrollment Management will act on the non-degree applications once they are submitted to the Office of Admissions.
3. A student who has been suspended from UVA Wise may appeal to the Academic Appeals Committee for permission to enroll as a non-degree student. Upon recommendation of the Committee and with the approval of the Provost, the student may be permitted to enroll as a non-degree student.
4. The non-degree student is not eligible to receive financial aid or to reside in campus housing.

### ***READMISSION***

A full-time traditional student whose enrollment has been interrupted for one regular term or more at UVA Wise must be approved for readmission before registering. Not registering for a summer term is not considered an interruption. The following procedures should be followed in applying for readmission:

1. Complete an application for readmission and submit to the Office of Admissions.
2. If the student has registered at another college or university since attending the College, a transcript from the institution(s) attended must be sent to the Office of Admissions before readmission can be granted.
3. If deemed necessary, the Director of Admissions (or designee) may request additional materials to complete the applicant's file.
4. The Director of Admissions or the Admissions Committee will act on the application when the file is complete.
5. Applicants who are currently on suspension from UVA Wise will be referred to the Academic Appeals Committee.

Non-degree seeking students (ND) or Center for Teaching Excellence Students (CTE) or Library Media non-degree seeking students (LIB) are eligible to re-enroll (register) for classes for up to eight consecutive terms without processing a new application to the College. Once eight terms have passed, with or without registration, non-degree seeking students will be required to reapply to the College. Students who need to change their address or in-state status will be able to do so via the student portal or by contacting the Office of the Registrar. In-state and out-of-state status is dictated by the Office of the Comptroller and all status appeals or changes of address that indicate a change of in-state status will be directed to that office.

### **SENIOR CITIZENS**

The Senior Citizens Higher Education Program permits residents of Virginia who are 60 years of age or older to register for courses and pay no tuition if their taxable income for the previous year did not exceed \$10,000. Regardless of income, senior citizens may audit courses or enroll in non-credit courses without paying regular fees.

### **TUITION INFORMATION FOR VETERANS**

The following individuals shall be charged the in-state rate, or otherwise considered a resident, for tuition purposes:

- A Veteran using educational assistance under either chapter 30 (Montgomery G.I. Bill – Active Duty Program) or chapter 33 (Post-9/11 G.I. Bill), of title 38, United States Code, who lives in the Commonwealth of Virginia while attending a school located in the Commonwealth of Virginia (regardless of his/her formal State of residence) and enrolls in the school within three years of discharge from a period of active duty service of 90 days or more.
- Anyone using transferred Post-9/11 GI Bill benefits (38 U.S.C. § 3319) who lives in the Commonwealth of Virginia while attending a school located in the Commonwealth of Virginia (regardless of his/her formal State of residence) and enrolls in the school within three years of the transferor's discharge from a period of active duty service of 90 days or more.
- Anyone described above while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the same institution. The person so described must have enrolled in the institution prior to the expiration of the three-year period following discharge or release as described above and must be using educational benefits under either chapter 30, chapter 33, or chapter 31 of title 38, United States Code.
- Anyone using transferred Post-9/11 GI Bill benefits (38 U.S.C. § 3319) who lives in the Commonwealth of Virginia while attending a school located in the Commonwealth of Virginia (regardless of his/her formal State of residence) and the transferor is a member of the uniformed service who is serving on active duty.
- A spouse or child using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 3311(b)(9)) who lives in the Commonwealth of Virginia while attending a school located in the Commonwealth of Virginia (regardless of his/her formal State of residence).

- An individual using educational assistance under chapter 31, Vocational Rehabilitation and Employment (VR&E) who lives in the Commonwealth of Virginia while attending a school located in the Commonwealth of Virginia (regardless of his/her formal State of residence) effective for courses, semesters, or terms beginning after March 1, 2019.

The Virginia State Approving Agency (SAA) is the approving authority of education and training programs for Virginia. Our office investigates complaints of GI Bill beneficiaries. While most complaints should initially follow the school grievance policy, if the situation cannot be resolved at the school, the beneficiary should contact our office via email at [saa@dvs.virginia.gov](mailto:saa@dvs.virginia.gov).

## **TRANSFER STUDENTS**

Students who wish to transfer from another institution should follow the regular admission procedures. In addition, official transcripts are required of all academic work attempted at other institutions the applicant has previously attended. Transcripts should be sent to the Office of Admissions. A transfer student should complete the application process at least 30 days prior to the anticipated date of enrollment.

1. A transfer student should have a grade point average of at least 2.2. Other applicants with a grade point average of less than 2.2 but at least 2.0 are reviewed by the Admissions Committee. If admitted, these students may be subject to provisional status. Students with less than a 2.0 grade point average normally are not admitted to the college.
2. Transfer students must be in good standing and eligible to return to the college or university last attended at which they were enrolled full time in a degree program.
3. The college or university from which the student is transferring should be fully accredited as an institution of higher learning by a state or regional accrediting organization.
4. Only those courses which are equivalent to University of Virginia or UVA Wise courses are eligible for transfer.
5. Transfer credit will be granted only if a grade of "D-" or better was obtained or a "CR" was obtained in a course taken with "credit-no credit" grading. Students transferring from the Virginia Community College System or Richard Bland College should see the section below for exceptions.
6. A maximum of 62 credit hours earned in a two-year college may be counted toward graduation at UVA Wise.
7. All transfer students must meet the UVA Wise residence requirements for graduation.

## **TRANSFER AGREEMENTS**

The University of Virginia's College at Wise has several articulation agreements in place with the Virginia Community College System (VCCS), the Kentucky and Community Technical College System (KCTCS), and Richard Bland College.

### **With the VCCS and Richard Bland College, the following agreements exist:**

- Guaranteed Admission Agreement (Virginia Community College System and Richard Bland College) – This agreement is in effect for those students who earn an associate of arts, associate of science or associate of arts and sciences associate degree in a four year transfer area. Benefits of this agreement include: completion of the Liberal Arts Core

requirements (with the exception of foreign language unless taken at the community college), junior status (62 hours accepted on transfer), waiver of the \$25.00 application fee, no high school transcripts or SAT/ACT scores are required. Students with a 2.5 or better are eligible for this program.

- Pre-Teacher Education Admission Agreement (Virginia Community College System) – This agreement is in effect for those students who are pursuing the Pre-Teacher Education curriculum at any Virginia community college. Course requirements are detailed as part of the agreement to facilitate ease of transfer and completion.
- Specialized Articulation Agreements – UVA Wise has specialized agreements in place with Mountain Empire Community College, Southwest Virginia Community College, and Virginia Highlands Community College. Students enjoy benefits similar to the Guaranteed Admission Agreement. Please see more information of the Office of the Registrar web page at [www.uvawise.edu/registrar/transferring-courses](http://www.uvawise.edu/registrar/transferring-courses).

**With the KCTCS, the following agreements exist:**

- Southeast Kentucky Community and Technical College and Big Sandy Community and Technical College – These specialized agreements are in effect for those students who earn an associate of arts and sciences degree in any transfer program. Benefits include: completion of all requirements (with the exception of foreign language unless taken at the community college), junior status (62 hours accepted on transfer) waiver of the \$25.00 application fee, no high school transcripts or SAT/ACT scores are required.

Visit the [Admissions](#) page for specific program requirements and benefit. Evaluations of transfer credit are prepared under the authority of academic departments, which reserve final decisions relative to the application of transfer credit to degree requirements in the major. Transcript evaluators prepare formal evaluations of transfer credit under the direction of the Registrar of UVA Wise.

In the case of disputes between transfer students and academic departments relative to the application of transfer credit to degree requirements, the Registrar generally is able to resolve the problem satisfactorily. In cases where conflicts cannot be resolved at the department level, they are referred to the Provost or the Provost's designee who has the final authority. The Registrar has been designated Chief Transfer Officer at UVA Wise and is the central source of information about transferring.

## FINANCIAL AID

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UVA Wise is committed to offering a quality education at an affordable cost. Financial aid is available from many sources to supplement the contributions students and their families make. The Office of Financial Aid helps students and their families explore the various sources of financial assistance.

Financial aid is divided into two major categories:

1. **SCHOLARSHIPS** are given to honor outstanding achievement. Freshman and transfer students will automatically be considered for scholarships through the General Scholarship Program based on academic information furnished by the Office of

Admissions. Freshmen must be admitted by February 1 prior to the applicable fall semester of entry. Transfer students must be admitted to the College by April 1 prior to the applicable fall semester of entry and December 5 prior to the applicable spring semester of entry (spring scholarships will be made based upon available funds). Returning students who received scholarships as entering students will automatically have their scholarships renewed if minimum academic standards are met. Returning students who did not receive a scholarship upon entering the College will be evaluated based on academic information furnished by the Registrar's Office and will typically need a 3.5 or greater GPA to be eligible for a scholarship through the General Scholarship Program. Scholarships not associated with the General Scholarship program require a separate application which can be obtained at the College Financial Aid website.

2. **NEED-BASED AID** is based solely upon the family's ability to provide financial support for the cost of education. A student applying for need-based aid is required to submit the Free Application for Federal Student Aid (FAFSA) to Federal Student Aid Programs and designate The University of Virginia's College at Wise, Title IV Code Number 003747, as a recipient of the need analysis report. The FAFSA should be submitted electronically so results can be received by the priority financial aid date of February 15. Entering students must also be admitted by the applicable date. Students should submit their FAFSA or renewal FAFSA electronically at [www.fafsa.gov](http://www.fafsa.gov). Applications are considered on the basis of need, without regard to sex, color, religion, age, or national origin.

### ***EMERGENCY FUNDS***

The Fred Culbertson Emergency Fund was established in 1995 by the family of Fred Culbertson to assist students in seeking a degree at UVA Wise. The Fund is designed to assist students who encounter unplanned expenses or other emergency needs. Written requests are to be submitted to the Office of Financial Aid and are reviewed on a case-by-case basis.

The Future Fund was established in 2007 by the Office of Development as a Senior Class Annual Giving program. The Fund is designed to assist students who encounter unplanned expenses or other emergency needs. Written requests are to be submitted to the Office of Financial Aid and are reviewed on a case-by-case basis.

### ***FEDERAL PROGRAMS***

The **Federal Pell Grant Program** is the largest federal entitlement program for undergraduate students. Awards are based upon the EFC calculations from your FAFSA. Awards can also be prorated for part time study. Students apply for the Federal Pell Grant by completing the Free Application for Federal Student Aid (FAFSA). It is, however, up to the Office of Financial Aid to determine the amount of the award.

The **Federal Supplemental Educational Opportunity Grant** (FSEOG) is a federal entitlement program administered by individual colleges and universities. SEOG awards range up to \$4,000 per year at UVA Wise. SEOG funds are limited and must first be awarded to students with the greatest amount of need who are eligible to receive Federal Pell Grants. Students apply for FSEOG by completing the FAFSA.

The **Federal Parents Loan for Undergraduate Students (PLUS)** is available to parents with a good credit history to supplement other financial aid sources and the amount they can afford to pay from available income for their students. This loan has a fixed interest rate and repayment typically starts 60 days after full disbursement. The amount that can be borrowed varies and is based on the cost of education at UVA Wise minus other sources of aid awarded. The College participates in the Federal Direct Loan Program. The amounts and information about the applications process will be provided to students and parents on the student's Financial Aid Award Notification. First-time parent borrowers must also complete a Master Promissory Note.

The **Federal Stafford Student Loan Program (Subsidized)** is a federally authorized program designed to help students meet college expenses. Federal Stafford Loans are long term, low interest loans available to undergraduate students. Undergraduates may borrow up to \$3,500 during their freshman year, \$4,500 during the sophomore year, and \$5,500 during the junior and senior years. Interest rates are fixed at the time of application. Students are not charged for interest until repayment begins. The amounts and information about the loan application process will be provided to students on their Financial Aid Award Notification. All applicants must complete the Free Application for Federal Student Aid (FAFSA) to determine eligibility for this loan. All borrowers must be accepted for enrollment and be enrolled for at least six credit hours and making satisfactory academic progress. Borrowers must also be United States citizens or permanent residents. First-time borrowers must also complete an entrance interview and Master Promissory Note.

The **Federal Stafford Student Loan Program (Unsubsidized)** was authorized by the Higher Education Amendments of 1992 and provides loans to middle-income borrowers who do not qualify, in whole or part, for federal interest subsidies under the Federal Stafford Loan (subsidized) program. Undergraduates may borrow up to \$5,500 during their freshman year, \$6,500 during the sophomore year, and \$7,500 during the junior and senior years. On August 9, 2013 President Obama signed the Bipartisan Student Loan Certainty Act of 2013 (P.L. 113-28), changing how student loan interest rates are determined. The bill links interest rates on new federal education loans made on or after July 1, 2013 to the 10-year Treasury rate, plus a fixed margin. The interest rates on new loans are still fixed for the life of the loan; however, each year's new loans will have different fixed rates, based on current market rates. The amounts and information about the loan application process will be provided to students on their Financial Aid Award Notification. All applicants must complete the Free Application for Federal Student Aid (FAFSA) to determine eligibility for this loan. All borrowers must be accepted for enrollment and be enrolled for at least six (6) credit hours and making satisfactory academic progress. Borrowers must also be United States citizens or permanent residents. First-time borrowers must also complete an entrance interview and Master Promissory Note. Effective July 1, 1994 the Federal Supplemental Loan for Students (FSLS) was repealed and shifted to the Federal Unsubsidized Stafford Loan Program. To qualify, the borrower must be an independent student. Also, dependent students whose parents have been denied access to the Federal Plus Loan due to adverse credit are eligible. Undergraduates who are at freshman and sophomore status may be eligible to borrow up to \$4,000 in addition to the existing subsidized and unsubsidized limits. Undergraduates who are at the junior and senior status may be eligible to borrow up to \$5,000

in addition to the existing subsidized and unsubsidized limits. Applicants must also complete a Free Application for Federal Student Aid (FAFSA) for this consideration.

### **FINANCIAL AID PAYOUT**

Financial Aid awarded by the College is applied to tuition and fees and room and board charges first. Students should be prepared to have sufficient funds to attend school for at least one month before financial aid is released. Students should not expect the College to defer payment of tuition, fees, and room and board charges in order for the student to meet off-campus living expenses or to purchase books and supplies.

### **FINANCIAL AID PROCEDURES**

The following procedures should be followed in making application for financial assistance at UVA Wise:

1. If applicable, apply for admission to UVA Wise.
2. Complete and file the Free Application for Federal Student Aid (FAFSA) as soon after October 1 as possible (for fall enrollment). To be considered for the greatest number of financial aid options available, you should file electronically by March 1 for the fall semester and November 1 for the spring semester. (Funds may be limited for students entering in the spring.)
3. On the FAFSA, you should request that a copy of the results be sent to UVA Wise, One College Avenue, Wise, VA, 24293. The Title IV Code Number is 003747.
4. Keep copies of your FAFSA, tax returns, award letter, etc.
5. Reply promptly to any correspondence or request for information regarding financial aid.
6. Submit any applicable scholarship forms by the appropriate dates.
7. Contact the Office of Financial Aid at UVA Wise for assistance.

### **SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS**

On behalf of the College, the Office of Financial Aid reserves the right to review and cancel an award at any time because of changes in financial or academic status, change of academic program, or failure to meet the satisfactory academic progress standards. The satisfactory progress standards require that students receiving financial aid maintain minimum quantitative (credit hours) and qualitative (Grade Point Average) standards. Financial aid is defined as: Federal Pell Grants, Federal Supplemental Educational Opportunity Grants, Federal Work Study employment, Federal Stafford Loans, Federal PLUS loans state grants, and internal institutional scholarships.

The minimum standards are listed below:

- Quantitative Standards: 75% of all courses/credit hours attempted must achieve a passing grade. A student must successfully complete (earn a passing grade) in at least 75 percent of the courses/credit hours attempted (reviewed annually).
- Qualitative (GPA): 0-29 hours -1.75 cumulative GPA: 30-59 hours 1.85 cumulative GPA: 60 hours and up 2.0 cumulative GPA.

In addition to the quantitative and qualitative measures listed above, students can receive financial aid for an undergraduate program not to exceed 150% of the applicable program's

length. For example, if a program's length is 120 credit hours, the maximum credit hours that a student may receive aid is 180 (120 x 1.5) attempted credit hours.

All periods of enrollment, even those in which a student did not receive Federal Student Aid funds, will be included when determining if a student has met Satisfactory Academic Progress standards. Credit hours transferred from another school will be counted in the quantitative measure when determining if a student has met Satisfactory Progress Standards.

When a student repeats a course, the most recent grade is used in the qualitative calculation. For example, if a student originally received a grade of "D" and repeated the course, receiving a grade of "C", the most recent grade (C) would be used in the qualitative calculation. A student may only repeat a course one time to count toward meeting SAP. Regarding the quantitative measure under this same scenario, credit hours for both the original course and the repeat will be included for SAP standards.

### ***PROGRESS TOWARD GRADUATION***

Students requiring financial assistance beyond 10 semesters must be reviewed by the Financial Aid Committee to assess progress toward meeting specified graduation requirements. For the purpose of assessing satisfactory progress, credit hours completed in remedial classes are counted as hours attempted and completed. When the standards listed above have not been met, financial aid will be withdrawn until the minimums are met. Credit hours completed in summer sessions at UVA Wise and transferrable courses pre-approved by the Office of Financial Aid and taken at other institutions can be used to make up deficiencies.

Students entering for the first time or re-entering the College in the spring semester will have grades checked upon completion of that semester. Students failing to meet minimal academic progress requirements will not be considered as having met the College's financial aid priority date. Therefore; if reinstated, access to need-based financial aid as detailed above will be awarded subject to fund availability.

### ***REQUEST FOR APPEAL***

A student may request that the Financial Aid Committee grant an exception to the minimum standards by completing an [online application](#). With that request, the student must submit the reason for the appeal and a plan for meeting the minimum standards listed above. Otherwise, financial aid can be reinstated when a student has removed a deficiency. It is the responsibility of the student to notify the Office of Financial Aid when deficiencies have been removed. The student's progress will be monitored at the end of each academic year and a determination about the student's eligibility for further aid will be made in June for the summer and/or fall semester, allowing the student to make up credit hours during a summer session. Students who choose to appeal rather than take classes to self-correct will only receive Pell and loans.

### ***VETERANS BENEFITS***

The Office of Financial Aid is the College's liaison with the Veterans Administration in matters concerning educational benefits provided under federal law. This office can assist Veterans and their dependents with applying and identifying programs to assist with educational costs.



Applications for veterans' educational benefits should be filed with the Veterans Administration at least three months before enrollment at UVA Wise to insure that funds can be approved in a timely fashion. If needed, the Office of Financial Aid can assist the applicant in completing the appropriate forms, or the veteran may apply directly to the Veterans Administration. Questions about benefits or application procedures should be directed to the Office of Financial Aid.

The Office of the Registrar's designee is the official certifying agent for Veterans Benefits. In accordance with the federal mandate 38 USC 3679(e), any covered individual who attends or participates in courses during the period beginning on the date on which the individual provides to the educational institution a certificate of eligibility for entitlement to educational assistance. Under chapter 31 or 33 a "certificate of eligibility" can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs (VA) website – eBenefits, or VAF 28-1905 form for Chapter 31 authorization purposes) and ending on the earlier of the following dates:

1. The date on which payment from VA is made to the institution.
2. 90 days after the date the institution certified tuition and fees following the receipt of the certificate of eligibility.

The College shall not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under chapter 31 or 33.

### **WORK STUDY**

The Federal Work Study Program (FWSP) is funded by the College and the federal government for students who qualify and wish to earn part of their college expense money. Work opportunities are available in almost every department on campus. Eligible students are employed based on qualifications and the availability of openings. Yearly work study earnings range from \$500 to \$3,000. To qualify, students must be accepted for enrollment or be enrolled at least half-time; be, in the opinion of the College, capable of meeting satisfactory academic progress requirements while employed; show need based on the Federal Need Analysis Formula; and be a citizen or permanent resident of the United States. The Office of Financial Aid determines qualifications, assigns jobs and assists students as needed with the payroll process. Work Study wages will meet the minimum wage law. Federal Work-Study positions are limited.

### **WITHDRAWALS AND RETURN TO TITLE IV**

Students who withdraw from the College, or who fail to pass any of the classes for which they received aid, may have their financial aid adjusted based on the percentage of the semester completed prior to withdrawing. This process, called Return to Title IV, determines the amount of Federal Title IV funds a student who withdraws has earned. For this process, Title IV Funds include the following: Federal Stafford Loans, Parent PLUS Loans, Federal Pell Grant, Federal SEOG Grant, and Federal Teach Grant.

The Office of Financial Aid uses a form developed by the Department of Education to determine the amount of Title IV aid a student has earned by factoring in the percentage of the semester completed, institutional charges, and types of Title IV aid received. Any unearned portion of Title IV aid must be returned to the federal government by the College and/or student (if

applicable). The Return to Title IV process listed above is separate from the Institutional Refund Policy regarding tuition, fee, room and meal charges. The specifics of this policy can be found in the College Catalog, or on-line at the Cashier's Office website.

### **SCHOLARSHIP POLICY**

Students who receive the Chancellor's Scholarship are required to maintain a 3.0 and pass 30 hours each year. All other scholarships are renewable for a total of four years provided that recipients maintain at least a 2.75 cumulative grade point average and earn at least 26 credit hours by the completion of the spring semester (including the previous fall) after their first year. After each subsequent academic year, students must maintain at least a 3.0 cumulative grade point average as well as earn at least 26 credit hours by the completion of each spring semester. Scholarships are awarded for up to a four-year period. Students must also maintain good social standing, write letters of thanks to applicable donors and, if invited, attend the annual scholarship luncheon. Based upon available funding at the time the renewal award is made, the source for each award is subject to change from year to year. Any student receiving an academic scholarship award who does not maintain continuous enrollment at UVA Wise must notify the Office of Financial Aid upon acceptance for readmission.

To resume an academic award upon readmittance, the student must have been eligible for continuation at the time enrollment ceased. If the student has not attended any other institution since enrollment at UVA Wise, the scholarship award may be continued depending on available funding, but the amount of the award may not be equal to the original award. If the student has attended any institutions other than UVA Wise, all transfer work will be evaluated and the student's combined grade point average must be equal to or greater than the grade point average the student possessed at the time of "stopping out," and must be at least 3.0 on a 4.0 scale.

Any student receiving an academic scholarship award who does not comply with the aforementioned renewal criteria will have the scholarship award withdrawn. Credit hours and GPA deficiencies can be corrected during the summer with prior approval by the Office of Financial Aid. It is the responsibility of the student to notify the Office of Financial Aid once a deficiency has been corrected. If the student corrects the grade deficiency and once again meets academic standards for the award, it will be reinstated at the previous level contingent upon available funds. Should the student receive an award, the amount and name of the award may not be the same as the original award.

### **STATE FUNDED SCHOLARSHIPS**

The Virginia Student Financial Assistance Program is a need-based scholarship program for qualified Virginia residents. It is designed to assist students demonstrating financial need by providing for a portion of their college costs. State statute requires that awards be proportional to need, so that students with the greatest need receive the largest awards. In order to maintain eligibility, students must demonstrate a 2.0 or greater grade point average after completing 60 credit hours. Students may receive assistance for up to 135 credit hours, including any transfer hours accepted. The program has two components:

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1. The Commonwealth Scholars Grant (COMMA) is available to Virginia residents with demonstrated financial need. Students must also be registered at least half-time (six hours). These awards range from \$2,000 to annual tuition and one-half required fees.
2. The Virginia Guaranteed Assistance Program (VGAP) is available to Virginia residents who are entering freshmen. The student must be full-time (12 hours) complete 30 hours each year and have graduated from a Virginia high school with a grade point average of 2.5 or greater. The VGAP award ranges from \$1,000 up to annual tuition and fees.

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## UVA WISE POLICIES and PROCEDURES

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### **ALCOHOL AND DRUGS POLICIES**

UVA Wise does not condone the illegal or otherwise irresponsible use of alcohol and other drugs. It is the responsibility of every member of the College community to know the risks associated with substance use and abuse. This responsibility obligates students and employees to know relevant College policies and federal, state and local laws and to conduct themselves in accordance with these laws and policies. To these ends, the College publishes the following information regarding College policies and sanctions: laws and penalties concerning substance use and abuse, health and behavioral risks of drug use, and resources for treatment and educational programming. The full text of these policies can be found in the [Student Handbook](#).

**Alcohol Policy** -- The College hopes the Alcohol Policy will encourage students to make responsible decisions about the use of alcoholic beverages. The policy is intended to promote safe, legal and healthy decisions related to alcohol and social interaction. We recognize that our students are responsible adults and believe that students should behave in a manner that is not disruptive or endangering to themselves or others and complies with state and local laws regarding the possession, consumption, sale, and delivery of alcohol.

UVA Wise does not encourage the use of alcoholic beverages and does not condone the illegal or otherwise irresponsible use of alcohol. In accordance with State and Federal law, the College prohibits the unlawful possession, use or distribution of alcohol on College property or at College-sponsored functions. All members of the College community are expected to know and act in accordance with Virginia State laws concerning the purchase, possession, consumption, sales and storage of alcoholic beverages.

**Drug Policy** -- Unauthorized manufacture, distribution and possession of controlled substances (illegal drugs), including marijuana, cocaine and LSD, are prohibited by both state and federal law and are punishable by severe penalties. The College does not tolerate or condone such conduct. Students who violate state or federal drug laws may be referred by College authorities for criminal prosecution and, if convicted, may be subject to the penalties described herein.

Whether or not a criminal charge is brought, a student is also subject to College discipline for illegally manufacturing, distributing, possessing or using any controlled substance (i) on College-owned or leased property or (ii) at College-sponsored or supervised functions or (iii) under other circumstances involving a direct and substantial connection to the College. Any student found to have engaged in such conduct is subject to a range of sanctions, including suspension or expulsion.

**Drug-Free Workplace Policy** -- The use of alcohol by employees while on UVA Wise owned or controlled property, including meal periods and breaks, is absolutely prohibited except when authorized by the College for approved College functions. No employee will report to work while under the influence of alcohol or illegal drugs. Violations of these rules by an employee

will be reason for evaluation/treatment for a substance use disorder or for disciplinary action up to and including removal. This policy applies to all employees (full-time, part-time, students, etc.).

### ***COPYRIGHT POLICY FOR STUDENTS***

The College is committed to maintaining traditional incentives for scholarly work and its dissemination while protecting, within the framework of copyright law, the rights of individuals and the College. Students shall retain all rights related to copyright ownership of materials they have prepared on their own initiative. The copyright in an original work that a student develops in connection with coursework and which is copyrightable, shall belong to the student.

In the case of a work that a student develops through significant use of College equipment, facilities, personnel, or resources, or a work which a student produces through the use of sponsor-provided resources administered and controlled by the College, the College may claim a copyright interest, particularly if such works are not related to course work. In such a case, if the work generates royalty payments or if the work is of commercial value that can be realized by College marketing efforts, the College will share royalties with the author(s).

Copyright ownership issues may be more complicated where students are also College employees. In those instances, the College observes the following [University policy](#) to determine copyright ownership. The Office of Academic Affairs is responsible for administering the student copyright policy.

### ***USE OF COPYRIGHTED MATERIAL***

It is the policy of the College to respect the copyright protections given by federal law to owners of intellectual property, including books, journals, music, art, multi-media materials, digital materials and software ("Copyright-Protected Materials"). It is against College policy for faculty, staff, or students to use College equipment, services, or facilities to access, use, copy, reproduce, distribute, or display Copyright-Protected Materials except as permitted under copyright law. Application of the legal principle of "fair use" or other exemptions under the Copyright Act (Title 17 U.S.C) which protect many teaching and learning activities; obtaining the permission of the copyright holder; or receiving a license to use Copyright-Protected Materials; are ways to address the federal copyright requirements. It is the individual responsibility of faculty, staff and students to comply with this policy in all College programs and activities and in use of all College equipment, services, or facilities. The College Library and Information Technology can provide copyright guidance and information resources.

Copyright-Protected Materials include software, library, and other technology and information resources provided through the College for use by faculty, staff, and students. Such materials must be used for teaching, education, and research activities consistent with the licenses that have been entered into by the College.

Special requirements apply to public performance of motion pictures and videos. Federal law grants copyright owners the exclusive right to perform motion pictures in any "place open to the public or at any place where a substantial number of persons outside a normal circle of a family and its social acquaintances is gathered." (United States Code, Title 17, Section 101). Students should be aware that dormitories, clubs, fraternities and sororities may also be "semipublic"

places. Further information regarding the showing of videotapes can be obtained by contacting the Assistant Director of Student Activities in the Slemp Center at 376-3430.

Under federal law, violations of copyright law may result in civil and criminal penalties, including imprisonment. The College regards violation of its copyright policy as a serious matter. Any such violation is without its consent and is subject to appropriate disciplinary action or sanction ranging from loss of access to the relevant College services, resources, or property (including computing privileges) to dismissal or removal from the College as determined by applicable employment or student disciplinary policies. Visit our [website](#) for other policies related to computer use.

### ***DEGREE REVOCATION***

In the event a student is found responsible of some behavior through the Campus Judicial Board, Honor Court, or Administrative Settlement or Hearing, possible sanctions can include denying the student further membership in the College community and therefore the student is not entitled to hold or receive a degree from The University of Virginia's College at Wise. In such cases a recommendation is made to revoke degrees awarded to students who have breached the Honor Code or Student Code of Conduct during their tenure as students, following proceedings consistent with due process of law.

In the event students exhaust all other means of achieving the resolution of a complaint internally, they may appeal to the State Council of Higher Education for Virginia (SCHEV). For complete information on how to make such an appeal, please visit the [SCHEV website](#). According to the website, "SCHEV will not investigate a complaint unless the student has exhausted all available grievance procedures outlined by the institution."

### ***INVOLUNTARY WITHDRAWAL***

The College reserves the right to suspend, expel, or enforce the withdrawal of a student from one or more classes whose conduct is in its judgment unsatisfactory.

- Students may be involuntarily withdrawn from courses by the Office of Academic Affairs upon recommendation of the instructor for delinquency in class, habitual idleness, disruptiveness, or any other fault that prevents the student from fulfilling the purpose implied by registration at the College. Students withdrawn from a class for academic idleness may not reenroll in that class without the approval of the Provost or the Provost's designee.
- Students may be involuntarily withdrawn from the College by the Provost or the Provost's designee for delinquency in class, habitual idleness, disruptiveness, or any other fault that prevents the student from fulfilling the purpose implied by registration at the College. Students who have been involuntarily withdrawn must apply for re-admission to the Admissions Office in the same manner as a suspended student.
- Students may be involuntarily withdrawn from the College by the Vice Chancellor for Student Affairs for behavior that is disruptive to the educational process and/or to the educational environment or for behavior that prevents the student from fulfilling the purpose implied by registration at the College. The Vice Chancellor for Student Affairs

may require a student who is displaying disruptive or unusual behaviors to complete an assessment with a college counselor.

### **MILITARY ACTIVATION POLICY**

UVA Wise students who are in the military, military reserves or the National Guard of the United States and who are called to active duty after the beginning of a semester or summer session have two options available that they may consider with their advisor in determining their enrollment status with the College:

(1) Students may withdraw from all courses in which they are enrolled as of the effective date of the order to report to active duty. If this option is chosen, a full credit of all tuition and fees will be made to the student's account. Students will receive a pro-rated credit of dining service and of housing contract charges. Financial aid awards that were credited to students' accounts will be recovered by the College in the amount of tuition and fees, dining or housing credit.

(2) Students may take a grade of incomplete in all courses if the student receives the official order during the last three weeks of the term. The conditions for completing course work and receiving a regular grade should be agreed to between the students and the appropriate faculty member for each course in which the student is enrolled. Upon separation from active duty, students must complete the course work by the end of the next regular academic term. Students will receive a pro-rated credit of dining service and housing contract charges. Financial aid awards that were credited to students' accounts will be recovered by the amount of any dining or housing credit.

Although this policy pertains primarily to the reserves and National Guard, the same options will be offered to active duty personnel who are transferred unexpectedly out of the Wise area because of the President of the United States activating reserve or National Guard units.

To initiate the process of withdrawing from courses or receiving incompletes in courses, students must provide a copy of their active duty orders to the Advising and Retention Coordinator in Crockett Hall room 118. The orders will be kept in the student's permanent file in the Registrar's Office along with the withdrawal form or the request for incompletes. A copy of a duly executed power of attorney will be required by the College before processing a withdrawal or an incomplete form for a student, when that process is initiated by any person other than the student. It is recommended that a power of attorney be filed for any activated student to address any unanticipated situation. The student's advisor should be notified of the activation.

Applicants to the College who have accepted an offer of admission but who have not yet registered in a degree program will be permitted to enroll for the next appropriate semester following their discharge from active duty provided the college receives adequate notice of the applicant's intention to re-enroll. It will not be necessary for the applicant to reapply for admission nor to pay an additional application fee. Any prepaid admission deposits, tuition, room or board charges will be refunded.

This policy is applicable to all students registered at the College whether on the main grounds or through the Abingdon location. For further information, contact the Office of the Registrar.

## **PARENTAL NOTIFICATION POLICY**

According to the Family Educational Rights and Privacy Act (FERPA), "When a student turns 18 years old or enters a postsecondary institution at any age, all rights afforded to parents under FERPA transfer to the student. However, FERPA also provides ways in which schools may share information with parents without the student's consent." The decision to contact a parent or guardian may occur in the following circumstances:

- if the student who is under age 21 has violated any law or its policy concerning the use or possession of alcohol or a controlled substance or
- if a health or safety emergency involves their son or daughter

The decision to notify a parent or guardian in these circumstances is not intended as a punitive measure. Rather, the College will notify a parent or guardian in order to establish a supportive and encouraging network of resources for the student.

The Virginia General Assembly has enacted legislation (HB1005) which requires mental health providers to notify parents when dependent students receive mental health treatment if the student is found, by the professional counseling staff, to be in a state of psychological emergency. If "there exists a substantial likelihood that, as a result of mental illness the student will, in the near future (i) cause serious physical harm to himself [herself] or others as evidenced by recent behavior or any other relevant information, or (ii) suffer serious harm due to his [her] lack of capacity to protect himself [herself] from harm or to provide for his [her] basic human needs."

The bill allows such notification to be withheld if the student's treating physician or treating clinical psychologist has made a part of the student's record a written statement that, in the exercise of his professional judgment, the notification would be reasonably likely to cause substantial harm to the student or another person.

The College's professional counseling staff in the Counseling Center will notify the Vice Chancellor for Student Affairs or his/her designee when the professional counseling staff provides treatment to a student who meets the criteria for parental notification under this legislation. The Vice Chancellor or his/her designee will contact the parent(s) or legal guardian of any student meeting the criteria for parental notification and document the contact.

*Source: from Balancing Student Privacy and School Safety: A Guide to the Family Educational Rights and Privacy Act for Colleges and Universities, published by the Family Policy Compliance Office of the U.S. Department of Education*

## **PAYMENT POLICIES**

### **FAILURE TO MEET PAYMENTS WHEN DUE**

A student who fails to make fee payments or make satisfactory arrangements to pay in the Cashier's Office by the close of business on the last day to add a class may be automatically suspended from all classes. The student may not attend classes until he or she has been officially reinstated and has paid all accrued fees and a reinstatement fee of \$50. Students may refer to the Academic Calendar for each semester to obtain "last day to add a class" information.



### **INSTALLMENT PAYMENT PLAN**

UVA Wise offers a monthly payment plan. Information about this service is available at the Financial Aid Office or the Cashier’s Office.

### **FEDERAL TAX FORMS**

Students who take classes at UVA WISE are eligible to receive 1098T Tuition Statements for tax purposes. Those forms are provided by the Cashier’s Office and statements will be mailed to the home address in the student information system.

### **INSTITUTIONAL LOAN PROGRAMS**

The University of Virginia’s College at Wise Emergency Loan Fund was established to help students meet emergency, unanticipated financial expenses when financial aid or other sources of funding are not immediately available. Emergencies may be, but are not limited to, travel expenses for the student to return home in case of family emergency, medical expenses or purchasing medical insurance. The purchase of books and supplies pending the receipt of financial aid or student loan refund is not considered an emergency. A student must be enrolled in at least 12 on-campus credit hours in a degree program to be eligible for this assistance. Students may borrow up to \$300 and are limited to one loan per semester. The loan period may not exceed 90 days in length and must be repaid prior to the start of the next semester or term. Interest is not charged to the borrower. The application is available in the Cashier’s Office.

### **REFUND POLICY**

In the event a student withdraws from the college, tuition, fees, room and board charges are canceled on a percentage basis determined by the week of school in which the withdrawal takes place. The week begins with the Monday on which classes begin and extends to the following Sunday. Monies due to the College are paid first before refunds are issued to the student.

<b>School Week</b>	<b>Percent Credited</b>
Through first class week	100
Second week of classes	90
Third week of classes	50
Fourth week of classes	25
After the fifth week	0

Return of Title IV Funds Schedule: In the event a student withdraws from the college and the student has received Title IV Aid, the Return of Title IV Funds Schedule will apply. Under this schedule, room and board are considered institutional charges and will be refunded in the same manner as tuition and fees, i.e., based on the number of days of attendance. Contact the Cashier’s Office for additional information.

## **RETURNED CHECKS**

A \$50.00 service charge is assessed for each check returned unpaid by a bank for any reason. A student who has had three checks returned during a semester will not be allowed to cash subsequent checks or make purchases on campus via personal check without specific permission of the Cashier's Office.

## **APPEALS, COMPLAINTS & GRIEVANCES**

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Complaints are defined as written statements by students that they have been treated in a manner that contravenes College policy concerning student rights.

Mutual respect and communication are critical in resolving concerns. Informal candid discussion should always be the starting point in resolving disagreement.

As part of the educational process, students are encouraged to address concerns themselves, seeking amiable resolution of disagreements, before turning to formal grievance procedures. In the event that informal resolution is not successful, students may file a formal grievance complaint or appeal. All of these complaint policies are available to students on campus, as well as to students online. The policies appear on the website or in documents published on the website.

In all cases, complaints are handled fairly and professionally. Records of complaints and corresponding resolutions are maintained in each responsible office and centrally with one exception through a password-protected College website specifically maintained for that purpose. By law Title IX grievances may only be maintained in the office of the Title IX Coordinator.

### ***a. ACADEMIC COMPLAINT***

Students who have a grievance relating to a faculty member are encouraged to attempt to resolve the matter through consultation with the faculty member, then the faculty member's supervisor, and finally with the Provost or the Provost's designee. For most faculty members, the immediate supervisor will be their department chair. For department chairs, this will be the Provost. If a satisfactory resolution is not achieved, the student may appeal in writing to the Provost and then to the Chancellor for final appeal.

- For concerns related to the Provost's staff, consultation and written complaints should be directed to the Provost.
- For concerns related to the Provost, consultation and written complaints should be directed to the Chancellor.

When classes are in regular session, the initial complaint should be made within 2 weeks of the incident of concern. In cases where the two-week limitation falls between semesters, grievances must be submitted no later than 4 weeks after the beginning of the next semester of regular enrollment.

## **b. ACADEMIC GRADE APPEAL**

The instructor has full responsibility for the assignment of grades. The instructor must describe his/her grading procedure in the course syllabus and provide explanation at the beginning of the course. If a student believes a grade has been assigned incorrectly, the student must first discuss the matter with the instructor. If this does not resolve the issue, the student may appeal to the Chair of the academic department in which the course is located. In the event the issue is not resolved at this level, the student may appeal in writing to the Provost or the Provost's designee who may refer the appeal to the Academic Appeals Committee.

The appeal procedure must be initiated during the initial four weeks of the next regular semester of enrollment after the grade in question has been assigned. Grades are permanent and may not be changed after one calendar year from date of entry.

## **c. APPEAL TO AVOID ACADEMIC SUSPENSION**

Upon receiving a notice of suspension, a student may appeal the suspension in writing to the Provost or the Provost's designee. Students who wish their suspension lifted for the fall semester must appeal by June 30. Students enrolled in the second session of Summer College must submit their written appeal on the last day of the summer class. In order to have suspension lifted in the spring, students must appeal no later than ten (10) business days before the beginning of spring classes. Suspension will not automatically be lifted in the case of an appeal. The burden is on the appealing student to provide evidence that he or she will be able to perform at a satisfactory academic level. Typically, the appeal is referred to the Academic Appeals Committee which will consider the appeal and make a recommendation to the Provost or the Provost's designee.

## **d. APPEAL TO BE REINSTATED AFTER ACADEMIC SUSPENSION**

A student who is under suspension for the first time will be out of school for a semester. A student who is reinstated after suspension and subsequently suspended again will not be considered for readmission until at least one calendar year has elapsed since the suspension became effective. Students will be informed in the suspension notice at what date they may be considered for readmission. Students who have been suspended and have remained out for the above-mentioned period must appeal in writing to the Provost or the Provost's designee to be readmitted. Students who wish to be readmitted for the fall semester must appeal by June 30. Students enrolled in the second session of Summer College must submit their written appeal on the last day of the summer class. For readmission in the spring, students must appeal no later than ten (10) business days before the beginning of spring classes. The appeal will be referred to the Academic Appeals Committee which will make a recommendation to the Provost or the Provost's designee. Reinstatement is not automatic. Note: *Students are required to apply for readmission to the College at the same time as they submit their letter to the Academic Appeals Committee. Regardless of the appeal decision, students will not be able to re-enroll until they have been admitted.*

### ***e. CHALLENGING THE CONTENTS OF THE ACADEMIC RECORD***

If students believe the contents of an educational record to be inaccurate, misleading, or in violation of their privacy rights, they may challenge them by submitting a written request to the custodian of the particular record. If the problem cannot be resolved through informal discussions, students have the right to a formal hearing. The complete text of this procedure is available under the [FERPA](#) link on the Registrar's website. Students who submit such a request must do so while they are enrolled.

### ***f. ADA GRIEVANCE***

This procedure describes how students with disabilities may bring a complaint when they believe that their accommodations have not been "appropriate, reasonable, or effective." There are two levels at which student concerns may be addressed. A student may arrange a meeting with Disability Services and explore possible solutions. If this meeting does not result in an acceptable solution, the student may file a written complaint with the ADA Resolution Committee within thirty days of the time the student knows of the "action that is the subject of the complaint," and include the relief that is being requested.

### ***g. ALL OTHER ACADEMIC GRIEVANCES***

Students who have a grievance of an academic nature, not covered by the policies above, may file a written grievance with the Provost or the Provost's designee. This may include concerns relating to any aspect of the academic experience. When classes are in regular session, the initial complaint should be made within 2 weeks of the incident of concern. In cases where the two-week limitation falls between semesters, grievances must be submitted no later than 4 weeks after the beginning of the next semester of regular enrollment.

### ***h. FINANCIAL AID APPEALS***

When a student has not met required minimum standards to keep financial aid, the student may request that the Financial Aid Committee grant an exception to those minimum standards. This is done by completing an [online application](#). Along with the request, the student is required to submit the reason for the appeal and plans for meeting the minimum standards. More information is available in the Financial Aid section of this catalog.

### ***i. STUDENT LIFE/NON-ACADEMIC GRIEVANCE***

The respect for others and the value of diverse opinions and viewpoints is critical in resolving concerns. Informal, candid discussion should always be a primary goal. As part of the educational process, students are encouraged to mediate concerns themselves leading to amiable resolution of disagreements.

If informal, candid discussion is not successful in resolving an issue, the student should follow this procedure: A student may submit a formal written grievance within 30 calendar days of the event or encounter in question. The written grievance must contain the following: the date of the alleged incident, a statement indicating the college policy, regulation, or rule which the student alleges has been violated and any individuals who are allegedly involved in the violation;

a statement summarizing any action the student has taken to attempt to resolve the matter prior to filing the complaint and the results, if any.

The Dean of Students and Chief Housing Officer or his/her designee will review the written grievance and schedule a meeting with the student within 5 (five) business days. The Dean of Students and Chief Housing Officer or his/her designee will conduct an investigation if circumstances require additional information. The Dean of Students and Chief Housing Officer or his/her designee will issue a response, either through a scheduled meeting with the student or a written response, within seven (7) business days of the initial meeting with the student who filed the written grievance.

If a satisfactory resolution is not achieved, the student may appeal in writing to the Chancellor. For concerns related to the Dean of Students and Chief Housing Officer, consultation and written complaints should be directed to the Vice Chancellor for Student Affairs. . For concerns related to the Vice Chancellor for Student Affairs, consultation and written complaints should be directed to the Chancellor.

### ***j. STUDENT-ATHLETE GRIEVANCE***

Students are encouraged to mediate concerns themselves in the hope of an amiable resolution of disagreements. In the event that informal resolution is not successful, the student-athlete should follow this procedure:

1. The student-athlete should discuss any grievance with the Head Coach. Situations may be handled without any further actions.
2. If the decision is unsatisfactory, the student-athlete may submit a written appeal to the Director of Athletics.
3. Upon a decision by the Director of Athletics, the student-athlete has 14 days from the decision to submit a written appeal to the Faculty Athletic Representative. The decision of the Faculty Athletic Representative is final.

### ***k. TITLE IX GRIEVANCE/NOTICE OF NONDISCRIMINATION***

UVA Wise (the "College") is committed to maintaining an environment free from harassment and discrimination for everyone and does not discriminate on the basis of race, sex, national origin, religion, sexual orientation, gender identity or expression, or any other protected status. The College does not discriminate on the basis of sex or gender in any of its education or employment programs and activities.

Maintaining a respectful, professional and nondiscriminatory academic, living and working environment for students, faculty, staff, and visitors is top priority for the College. This includes having an environment free from sexual and gender-based harassment, sexual assault, intimate partner violence, stalking, sexual exploitation, complicity and retaliation ("Prohibited Conduct"). The College will take prompt and equitable action to eliminate Prohibited Conduct, prevent its recurrence, and remedy its effects.

To report any Title IX concerns or for more information contact [Tabitha Smith](#), Director of Compliance & Inclusion and Title IX Coordinator in the Office of Compliance & Inclusion at 276-328-0131.

The College's full [Sexual Misconduct Policy](#) and grievance procedures are available online.

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## ACADEMICS

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### ***THE LIBERAL ARTS CORE***

All UVA Wise students take a required broad-based liberal arts core designed to cultivate the qualities that define educated people. This core curriculum is as essential to the education of students as is the major. The courses required of students in their first two years at the College serve not only to acquaint them with the many different disciplines, but more significantly to introduce students to the accumulated knowledge of the world in which they live. These courses help provide an understanding of the underpinnings of society, a knowledge of how that society functions, an awareness of culture, ours and others, and insights into the values on which our civilization is built. They impart to students insights into our interconnectedness with the environment, with society, with the world, and with our past and present. They develop and enhance analytical and communication skills. They seek to instill in students an appreciation for the products of mankind's creativity, aspirations and ingenuity. They aim to inspire in students the desire to learn and to continue learning long after leaving the College. In all of these endeavors, the purpose of the liberal arts core of courses is to prepare students to participate in society as responsible citizens and effective leaders.

### ***GOALS FOR THE LIBERAL ARTS CORE***

The overarching goals for the liberal arts core are to:

1. promote proficiency in all forms of communication: writing, reading, oral communication, and foreign language;
2. promote proficiency in quantitative reasoning/mathematics;
3. instill an appreciation for the arts and their role in society;
4. develop an understanding of the interrelationships of global culture;
5. inspire the desire to learn/to develop intellectual curiosity;
6. foster and promote the ability to think critically and the willingness to question;
7. provide students with the foundation they need to become leaders; and
8. prepare and encourage students to become ethical and responsible participants in society.

### ***LIBERAL ARTS CORE REQUIREMENTS***

All students pursuing a baccalaureate degree will complete 51-53 credit hours of the liberal arts core curriculum, a broad distribution of courses selected according to a College-wide formula, and the cultural activities requirement. Many of the courses which meet these requirements are prerequisites for advanced study in the various majors. All students, including transfer students, should consult their academic advisor and the Catalog concerning the requirements of their prospective majors and select their liberal arts courses accordingly. Students can track their progress on their Degree Audits in the [student portal](#). Note: One course may not be used to satisfy more than one of the listed area requirements.

<b>LIBERAL ARTS CORE LIST WITH SAMPLE COURSES</b>		
<b>Requirement Area</b>	<b>Sample Courses</b>	<b>Credit Hours</b>
English Composition	ENG 1010 & 1020 or ENG 1030 (Honors by placement)	6
Literature	ENG 2120 – ENG 3260	3
Mathematics	MTH 1010, MTH 1050, MTH 1110, MTH 1210, MTH 1180, MTH 1950, MTH 2040, MTH 2050	6
Physical Education	PED 1900 (various topics)	1
Freshman Seminar	SEM 1010, SEM 1020	1-2
Foreign Language	FRE 1010 & FRE 1020 or SPA 1010 & SPA 1020 or GER 1010 & GER 1020	6
Western Heritage	HIS 1010, HIS 1020, POL 1030, POL 1040, PHI 3052, PHI 3062, VPR 1010, VPR 1020	6
Natural Science	BIO 1010/1011, BIO 1020/1021, BIO 1030/1031, CHM 1010/1011, CHM 1020/1021, GEO 2010/2011, GLG 1010, GLG 2005, GLG 2010, GLG 3010, NAS 1000, NAS 1001, NAS 1010, NAS 1020, NAS 2000, PHY 1000/1001, PHY 1002/1003, PHY 1010/1011, PHY 1020,1021	8
Arts	ART 1000, ART 1040, ART 1210, ART 1920, ART 2230, ART 2310, ART 2320, ART 2330, ART 2340, ART 2400, ART 3100, ART 3230, ART 3500, MUS 1010, MUS 1040, MUS 2030, MUS 2031, MUS 2034, MUS 2035, MUS 2038, THT 1000, THT 1100, THT 1200, THT 1300, THT 2100, THT 2201, THT 2500	3
Humanities	HIS 1070, HIS 1080, PHI 1030, PHI 1040, PHI 1110, PHI 2950, PHI 3020, REL 1030, REL 1040, REL 2010, REL 2020, REL 3000, REL 3010, REL 3020, REL 3030, ART 1000, ART 1040, ART 1210, ART 1920, ART 2230, ART 2310, ART 2320, ART 2330, ART 2340, ART 2400, MUS 1010, MUS 1040, MUS 2030, MUS 2031, MUS 2034, MUS 2035, THT 1000, THT 1100, THT 1200, THT 1300, HUM 1950, HUM 1951, ENG 3000, FRE 2010, FRE 2020, GER 2010, GER 2020, SPA 2010, SPA 2020	3
Social Science	ECO 1050, ECO 2050, ECO 2060, ECO 2550, ECO 2950, POL 1010, PSY 1100, SOC 1100, SOC 1200, SOC 1550, SOC 2350, ANT 1010, ANT 1020, ANT 1520, GEO 2020	9
Cultural Activities	GNE 1010 (first four credits) and GNE 3010 (second four credits)	0
<b>TOTAL</b>		<b>52-53</b>

**Guidelines for selecting courses that fulfill the various area requirements for the liberal arts core curriculum are as follows:**

***English Composition: 6 credit hours required***

Composition classes are essential in order to help students develop the communication skills that are necessary throughout their college career and that are required throughout life. This requirement is met by ENG 1010-1020. A student may receive advanced standing credit in English composition by demonstrating sufficient proficiency on an appropriate examination and/or by successful completion of ENG 1030. Full-time students who have not completed ENG 1010-1020 or its equivalent must take the appropriate course in that sequence. The successful completion of ENG 1010-1020 is a prerequisite for taking literature courses and many other courses. All entering students who have not previously satisfied the composition requirement must enroll in those courses during their first year at UVA Wise.

***Literature: 3 credit hours required***

Courses dealing with literature expose students to the ideas of other cultures, and contribute as well to stronger analytical and communication skills. Students may select literature options from English courses numbered 2120 through 3260, and literature courses taught by foreign language faculty. Non-literature courses, including ENG 3330 and ENG 3340, may not be used to satisfy this requirement.

***Mathematics: 6 credit hours required***

Mathematics contributes to the development of formal reasoning skills. Students may select any mathematics course numbered 1010 or higher except MTH 1011, MTH 2010, MTH 2020, and MTH 3050. A 1000-level course, with the exception of MTH 1180, may not be taken for credit after a 2000- or higher level course has been completed successfully. MTH 1010 may not be taken for credit after either MATH 1110 or MATH 1210 has been completed successfully.

***Physical Education: 1 semester hour required***

A healthy mind resides in a healthy body. A one-credit-hour course must be selected from Physical Education Activity Courses (Basic Skills).

***Freshman Seminar: 1-2 credit hours required***

A Freshman Seminar experience is required of all first-time freshmen. Freshman seminar serves as an introduction to academic life, instruction about liberal arts core requirements, and the opportunity to develop skills that will serve the student academically. Provisionally-admitted students take SEM 1010 and SEM 1020. Freshmen who are classified as not in good academic standing at the end of their first full-time semester of enrollment (that is, on academic warning or probation) will also be required to complete SEM 1020. Student Support Services clients register for seminar as designated for SSS Students.

***Foreign Language: 6 credit hours required***

Liberally educated individuals should be able to communicate and share ideas across languages. They also must gain some understanding of another culture originating outside the borders of



our own country. Students must complete a 6-semester-hour introductory sequence in a foreign language. Students may also satisfy this requirement by demonstrating on a placement test a level of proficiency equivalent to one year of college language study and/or by successful completion of 1030. Students must get a C- or higher in SPA 1030 or FRE 1030 in order to meet the six-hour foreign language requirement for the Liberal Arts Core. If they do so, they are awarded 3 credits from SPA/FRE 1010 as well as the three credits from SPA/FRE 1030 for a total of 6 credits. If they receive a D-, D, or D+ in the class, they may retake 1030 with the same requirements or take SPA/FRE 1020 and pass in order to meet the foreign language requirement.

***Western Heritage: 6 credit hours required***

This requirement explores the culture and tradition of the western world, of which the United States is a part. Six credit hours are to be taken from one of the approved sequences, or a student may take a first half of one sequence and a second half from another sequence. Courses that satisfy this requirement are the following: ENG 3050 and 3060, HIS 1010 and 1020, PHI 3052 and 3060, POL 1030 and 1040, and VPR 1010 and 1020.

***Natural Sciences: 8 credit hours required***

The knowledge gained from the study of a natural science will assist students in understanding a world growing daily more scientifically complex. Learning and understanding laboratory procedures helps to build deductive reasoning skills and provides a sound introduction to the scientific method. Two laboratory science courses must be selected. Selections may be made from two different science areas.

***Arts: 3 credit hours required***

Understanding culture includes an exploration of the arts. Three credit hours are to be selected from art, dance, music and theatre. Students may select any combination of three hours (i.e., three 1-semester-hour courses, one 3-semester hour course, etc.) to meet this requirement.

***Humanities: 3 credit hours required***

Courses in the humanities focus on what makes human beings unique. Courses are to be selected from history, philosophy, religion, visual and performing arts or literature courses described in area II above; and French, German, and Spanish courses at the 2000 level or above.

***Social Science: 9 credit hours required***

The social sciences explore individuality and human behavior. No more than 3 credit hours may be taken in any one field, with courses to be selected from 1000- and 2000-level courses in economics, political science, psychology, sociology, anthropology, or GEO 2020.

***Cultural Activities Requirement***

Each student must attend eight (8) cultural activities (ideally four in the freshman/sophomore years and four in the junior/senior years). These are coded on the Degree Audit as GNE 1010 (first four) and as GNE 3010 (second four)). Transfer students who first attend the College upon completion of their first year (typically 30 hours) at another institution of higher education must complete the junior/senior year requirement only. All first-time freshmen, with the exception of

those with completed Associate of Arts or Associate of Science degrees, must complete eight (8) cultural activities prior to graduating.

Cultural activities are defined as approved on-campus activities of broad academic content that contribute to the College's liberal arts mission. These typically include events such as concerts, theatre productions, art presentations, academic lectures, literary readings, panel discussions, scholarly conferences, and other academically significant events. Pro-Art activities and Symphony of the Mountains concerts held on or off campus are also eligible for cultural activity credit.

The following activities are not eligible for cultural activities credit: athletic events, social events, in-class activities, speakers, or events, community service activities, and self-help, vocational, or career preparation activities. Only events open to all students are eligible for cultural activities credit. Events sponsored by student groups must have a faculty sponsor willing to take responsibility for program content. Applications for the awarding of cultural activity credit are made by faculty members. The Office of Academic Affairs is tasked with assigning cultural activity credit to events, recording student attendance, and keeping track of student totals of credits earned. In cases where the eligibility of an event is disputed, the request and other supporting materials will be submitted to the Liberal Arts Committee for a final decision. In order to be guaranteed this consideration, applications for cultural activity credit must be submitted at least two weeks before the event. Cultural activity logs and records are kept for one year beyond entry into the student information system in compliance with the Library of Virginia's Records Retention and Disposition Schedule.

When students attend any of these events and wish to have them count as a cultural activity, they must sign in when they arrive and out at the end of the program. If students do not sign out or if they do not remain for the whole event, they will not receive cultural activity credit. Students can track the completion of these requirements in the Reports and Billing section of the [student portal](#).

### ***Civics Engagement Requirement***

Each student must attend two (2) civic engagement activities while at UVA Wise. These are cultural activities that will be specifically designated as civic engagement. Students may also have the opportunity to fulfill this requirement by taken certain designated classes. Since they are also cultural activities, students will receive credit for that requirement too. In order to receive credit for the civic engagement activity, however, students will be required to go online and write a response to these questions:

- Why do you think this event was designated a civic engagement activity?
- How did it enhance your understanding of what it means to be civically engaged?

## **LIBERAL ARTS CORE COMPETENCIES**

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The University of Virginia's College at Wise is committed to producing liberally educated graduates who have the knowledge and skills needed to become responsible citizens and effective leaders. With the completion of the liberal arts core and the requirements of the major, students will demonstrate the competencies below. These competencies are fundamental to the academic program, and together they develop and promote communication, analytical, and critical thinking skills and form the basis of a sound liberal arts education.

### ***FOREIGN LANGUAGE COMPETENCY***

In the global workplace, students need to gain knowledge of another language and understanding of another culture originating outside the borders of their own country. Foreign language classes will assist in creating a bridge between cultures. Foreign language faculty have identified a set of competencies they believe students should achieve in the target language by the end of the two-semester introductory sequence in French, German, or Spanish or the one-semester accelerated course in Spanish or French. These proficiencies are the following:

- a. A rudimentary mastery of tenses;
- b. Familiarity with pronouns and ability to use them correctly in most instances;
- c. A core vocabulary that enables students to communicate on an elementary level, both comprehending and responding
- d. Near standard spelling;
- e. Knowledge of present subjunctive (French and Spanish only; German introduces subjunctive in the third semester);
- f. Understanding of the four cases (German only) ; and
- g. An introduction to another culture and an awakening understanding of the culture of the countries associated with the target language.

### ***ORAL COMMUNICATION COMPETENCY***

Every student should attain a basic level of proficiency in oral communication/public speaking skills. Each major should be able to guarantee that every graduating student in that major is minimally competent in public speaking. Students will be assessed in their upper level/capstone work on the basis of the following criteria, which are at the center of the evaluative rubric used by faculty when judging presentations:

- a. Ability to present main thesis in a clear manner;
- b. Ability to present ideas in an organized manner;
- c. Ability to support the thesis;
- d. Use of grammatically appropriate language;
- e. Ability to respond to questions in a clear fashion;
- f. Appropriate nonverbal behavior (eye contact, posture, etc.).

Students and faculty should work together to understand what is required of a basic public presentation, and students should expect to draw upon instructional experience, college support

facilities, and their faculty advisors as they prepare their oral work. The Oral Communication Laboratory will assist students preparing for oral classroom presentations.

### **QUANTITATIVE REASONING COMPETENCY**

The Department of Mathematics and Computer Science requires that students demonstrate they have acquired the skills to understand and solve problems given in quantitative terms. More specifically, students completing the liberal arts requirement in mathematics should have the following skills:

- a. (Conceptual Understanding) - Identify a problem given in quantitative terms and demonstrate conceptual understanding of the problem;
- b. (Strategy) - Develop and carry out an appropriate strategy to solve the problem; and
- c. (Communication) - Effectively communicate the solution of the problem, including a demonstrated understanding that the solution reached is reasonable.

### **SCIENTIFIC REASONING COMPETENCY**

The Department of Natural Sciences provides courses that promote the development of scientific literacy skills. Specifically, as a result of their liberal arts science courses, graduates should be able to demonstrate scientific reasoning skills necessary to evaluate data common to mainstream publications. Scientific reasoning is defined as the ability to:

- a. Make statements about the natural world based on objective data and observations;
- b. Reject any statement that is inconsistent with or unsupported by data and observations;
- c. Generalize statements based on data and observations in order to identify trends and relationships in nature;
- d. Seek out confirmation of generalizations with further observations or controlled experiments; and
- e. Use confirmed conclusions to make logical predications that can be tested experimentally, supporting or rejecting original conclusions.

### **WRITING COMPETENCY**

The foundation of the liberal arts core is the ability to communicate effectively in writing. Core writing competencies identified for students at UVA Wise are the following:

- a. Students should organize their writing effectively.
- b. Writing should have a unifying principle or idea.
- c. Paragraphs should be well developed.
- d. Sentences should be complete and grammatical with varied structures.
- e. Word choice should be effective, and diction should be appropriate to the context.
- f. Primary and secondary material should be integrated, and sources appropriately cited.

The rubric developed by faculty to assess writing is focused around these criteria and is used when assessing writing in composition classes, liberal arts literature classes, and, in all disciplines, the capstone classes or upper division writing intensive classes in the majors with no capstone.

## ACADEMIC ADVISING

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UVA Wise is committed to providing you with an advising experience that will help you achieve academic success. YOU ARE WISE – this process belongs to you and will be what you make it.

Academic advising is a shared responsibility. By focusing on the whole person while stressing successful progress toward degree completion, your academic advisors will help you plan a successful path to graduation.

Academic advisors will point you toward resources that will help you succeed inside and outside the classroom. UVA Wise has the resources to help you develop an enriching educational plan that will help prepare you for a life of learning in a diverse and global society.

### **GUIDING PRINCIPLES**

To successfully obtain a Bachelor of Science or Bachelor of Arts degree in four years, an average of 15 hours per semester is necessary. Good planning of those 15 hours each semester is an essential aspect of the advising process. Advising is a collaborative team effort that includes faculty who are expert mentors in their disciplines but who are also well trained and able to help students take advantage of resources that integrate and promote the following:

- Self and Career exploration
- Academic planning
- Experiential learning
- Leadership opportunities



With resources to develop the student’s aspirations, interests, strengths and values, UVA Wise has a collaborative team seamlessly working together on the common goal of supporting development and success by helping the student:

- Navigate UVA Wise and its resources
- Develop sound academic plans
- Connect to useful resources

Academic Advising at Wise will give you the opportunity to engage in self-authorship and create meaning out of the UVA Wise experience. YOU ARE WISE and we are here to help you assume responsibility for your future.

## ***ADVISING FOR FRESHMEN***

The Office of Student Engagement (OSE) works with first-year students to help them navigate academic as well as non-academic transitions. OSE and the faculty New Student Advising Corps work collaboratively with students beginning with Orientation to encourage thoughtful scheduling, career preparation, long-term planning, and serve as the primary resources for first-time freshmen.

New students without an assigned advisor – transfer, undeclared, and readmitted students – will work with the Office of Student Engagement during Orientation to be assigned an advisor.

Foundational academic skills instruction is provided to freshmen through a one semester course, Seminar 1010 (SEM 1010). This class is designed to introduce new students to the liberal arts core, its purpose and requirements, to familiarize them with the academic environment and to assist them in developing the tools they need to succeed in college, such as critical reading and writing. Freshman seminar enrollments are limited to promote maximum interaction between student and instructor. The freshman seminar is an important resource in helping students make the transition to college and to the major.

First year students who are on academic warning or probation at the end of their first full semester of enrollment at the college are required to register for and complete a second skills seminar (SEM 1020) in the next immediate semester of enrollment.

## ***ADVISING IN THE MAJOR***

Students are encouraged to declare a major soon after admittance to Wise but are required to declare a major after completing three regular (or 45 earned hours), full-time semesters at UVA Wise, excluding Summer College. Once a major is declared, the advising function shifts to the academic department housing the major program of study. Departmental faculty, specialists in their academic disciplines, work with students at this stage to ensure the selection of courses appropriate to the student's goals and interests as well as the departmental requirements for graduation. Students may declare a major by making an appointment with the Chair of the Department for their desired major. Once declared, students have access to their UVA Wise Degree Audits via the student portal at [my.uvawise.edu](http://my.uvawise.edu). The Degree Audit is a guide to help students as they work through their Liberal Arts Core (general education) and their major requirements.

## ***ADVISING FOR STUDENTS WITH TRANSFER CREDIT***

Students with less than 30 hours of transferrable college credit are classified as **freshmen** and are subject to policies governing freshman advising (above). All freshmen are required to complete Freshman Seminar/SEM 1010. Students who are unsuccessful in their first full semester at Wise are subject to the following guidelines:

- Failure of SEM 1010 requires the course be repeated the next fall semester
- Students who are not in good academic standing at the end of the first term are required to enroll in SEM 1020.
- Students who successfully complete SEM 1010 and end their first time in Good Academic Standing will have their Freshmen Seminar requirement complete.

Beginning with Orientation, the Office of Student Engagement assigns new and readmitted students with more than 30 hours of transferrable college credit (i.e. upperclass students) to New Student Advising Corps faculty in their intended discipline for schedule, career planning, and advising on degree requirements.

Like other upper-level students, transfer students with 45+ hours are required to declare a major (see Declaration of Major).

### **CHANGING ADVISORS**

Students may change advisors at any time by contacting the appropriate department chair or visiting the Office of the Registrar. First-time students without an assigned advisor—transfer, undeclared, and readmitted students—should work with the Office of Student Engagement.

### **SCHEDULE CHANGES**

Students may make changes in class schedules by adding and dropping classes through the student portal. Classes may be added only within the first week of a regular term. The last day to add is published on the web and in all registration materials. Classes may be **dropped** at any time within the first week of the semester. Students may **withdraw** from classes up through the first eight weeks of the semester. Withdrawing from a class places a “W” grade on the student transcript (see W-Limit policy). After the first week of class, access to the web registration portal is blocked. Withdrawing from a class requires the submission of a completed Schedule Action Form to the Registrar’s Office. The last day to drop classes, normally the Friday of the first week after fall or spring break, is published in the Academic Calendar as well as in registration materials provided by the Registrar’s Office. The Add/Drop and drop dates for courses meeting only part of the semester may vary from the timeframes stated above. After the portal is closed, students wishing to make a schedule change should take the following steps:

- Obtain a [Schedule Action Form](#) from the Registrar’s Office or from any faculty or administrative assistant. This form is also available on the main page of the Student Portal – [my.uvawise.edu](http://my.uvawise.edu).
- Complete the form and get the advisor’s signature.
- Return the form to the Registrar’s Office by the published deadline.
- Once having added or dropped the course, students should then check and print a copy of their current schedules in the student information portal to make certain that the appropriate action took place with regard to their schedule of courses.
- The printed schedule will include the course from which the student has withdrawn and will have a status of “W” for withdrawn.

Schedule changes must occur within the stated deadlines. Exceptions must be approved by the Provost or the Provost’s designee and exceptional circumstances must exist to justify such exemption to the stated deadlines. Students who do not register within the published deadlines may be assessed a \$50 late registration fee. Students may only change a course enrollment to an audit (rather than credit) during the Add/Drop period at the beginning of classes each semester. Students who have an Honor Court case pending may not drop the class in which the case originated.

A note of caution: If by dropping classes, students change from full-time status to part-time status, student financial aid can be affected as well as their eligibility to reside in campus housing or participate in college athletics.

## **ACADEMIC SUPPORT SERVICES**

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The **Academic Support Center** at UVA Wise is on the ground floor of Zehmer Hall, conveniently located at the heart of campus across from the library and Darden Hall.

### ***DISABILITY SUPPORT SERVICES***

In compliance with state and federal legislation regarding disability, UVA Wise provides services for all self-identified students with disabilities whose documentation meets our policy standards and guidelines. It is our goal to assure access to both facilities and educational programs. Qualifying students at Wise and Off-Campus receive academic adjustments for face-to-face, hybrid-online, and online courses as needed. Students in need of assistance should contact Disability Services by calling 276-328-0265 or via email at [wew3x@uvawise.edu](mailto:wew3x@uvawise.edu).

Students needing accommodations must provide documentation of the disability.

Documentation must:

1. state the diagnosed disability by a licensed professional: verifying the presence of a mental or physical impairment which substantially limits the condition, manner and duration in which the person performs a major life activity or function and describes the degree of impairment or limitation;
2. provide enough information about the functional impact of the impairment(s) to support and suggest reasonable accommodations that are appropriate and effective;
3. be current (generally speaking, three years is acceptable for most disabilities, five years for learning disabilities);
4. include complete educational and medical history relevant to the disability; and
5. be provided in a timely manner in order to give the institution enough time to process appropriate services.

### ***TRIO STUDENT SUPPORT SERVICES***

Student Support Services offers tutoring, counseling, advising and other academic support services to students who need assistance and meet eligibility requirements. Student Support Services has a proven record in helping students achieve academic success at the College; any student who is interested is encouraged to apply for services.

The project is funded by the U. S. Department of Education in the amount of \$285,305 and is staffed by a director, an academic coordinator, a counselor, and an administrative assistant. The office is located on the first floor of Zehmer Hall. Call 276-328-0177 for additional information.

### ***THE TUTOR CONNECTION***

The Tutor Connection serves all students who are currently enrolled in classes at UVA Wise. Peer tutors, recommended by College faculty, are employed to provide tutoring in many subject



areas. Hours of operation are 8 a.m. until 5 p.m. weekdays with evening and weekend hours arranged as needed.

The office is located on the first floor of Zehmer Hall. Smarthinking provides web-based tutoring in multiple subjects to students of the College. Any student enrolled in a course at the College or any of its extension sites has access to free tutoring through the Tutor Connection or through Smarthinking.

The service is also free of charge and acts as a supplement to existing academic support services. Tutoring is available in real-time using state-of-the-art chat technology, virtual whiteboards and personalized feedback tools. Students can visit [www.uvawise.edu/tutor](http://www.uvawise.edu/tutor) or call 276-328-0177 for additional information and log-in information.

## ACADEMIC POLICIES AND PROCEDURES

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### ACADEMIC REPRIEVE

The purpose of the Academic Reprieve Policy is to make it possible for undergraduate students, whose academic performance when first enrolled was below standard, to resume their studies without the encumbrance of grades previously earned. It is intended to assist students who have demonstrated academic performance at a level superior to their earlier record and sufficient to complete their degree program. This policy applies to former students returning to complete baccalaureate degree programs a minimum of five academic years after their last completed semester in higher education. A student may exercise this academic reprieve option only once.

The work to be considered for reprieve may have been completed at any accredited college or university. ***At least five years must have elapsed between the period in which the semester being requested reprieved was completed and the reprieve request.***

Prior to requesting the academic reprieve, the student must have earned a minimum of 30 consecutive hours of college work at UVA--Wise with a grade point average of 2.0 or higher with no grade lower than a "C." Up to two consecutive semesters' work may be reprieved.

The academic reprieve removes all grades earned during the reprieved semester(s) from calculation of the retention and graduation grade point average. All courses remain on the student's transcript but are not calculated in the student's retention/graduation GPA. Course work with a passing grade included in a reprieved semester may be used to demonstrate competency, but the course work may not be used to fulfill credit hour requirements.

A student may not receive more than one academic reprieve. Academic reprieves granted by other colleges and universities are not recognized. Students who receive an academic reprieve are not eligible to graduate with academic honors. Faculty of individual departments, such as Nursing and Teacher Education, will determine whether to consider academic reprieve when students are applying for admission to these programs.

Students seeking academic reprieve must submit a petition to the Registrar. The petition must explain the circumstances of the student's situation, specify which semesters are desired for reprieve, and provide clear evidence that the requirements for academic reprieve have been met, including transcripts of all college work. Once the Registrar has determined that the student's petition is complete and has met the requirements for reprieve, the application will be

forwarded to the Academic Appeals Committee. If the Appeals Committee finds that the student's application meets the requirements and purpose of the Academic Reprieve policy, all course work during the reprieved semesters will be excluded from calculation of the student's retention and graduation GPA. All course work will remain on the student's transcript with a notation that academic reprieve was granted by UVA Wise.

### ***ACADEMIC WARNING, PROBATION AND SUSPENSION***

A student is said to be in good academic standing if his or her cumulative grade point average is 2.00 or higher. A student with a grade point average of less than 2.00 is not in good academic standing and has a grade point deficit. The grade point deficit is equal to two times the number of semester UVA Wise career hours attempted minus the number of UVA Wise career quality points earned. For example, if a student has attempted 60 credit hours and has earned 105 quality points, he or she would have a grade point deficit of 15 points as shown in the following:

$$2 \times 60 \text{ (hours attempted)} = 120$$

$$120 - 105 \text{ (grade points earned)} = \mathbf{15} \text{ (grade point deficit).}$$

A student who is not in good academic standing will receive an academic warning, be placed on probation, or be suspended according to the policies listed below.

#### ***ACADEMIC WARNING***

When a student's cumulative grade point average falls below 2.00 but is above the level warranting probation or suspension, the student will be placed on academic warning.

#### ***ACADEMIC PROBATION***

A student on Academic Probation has failed to make satisfactory progress toward a degree. A student is placed on probation when s/he has a grade point deficit of 13 to 24 grade points.

No student on academic probation for a second semester may hold student office, be a member of an athletic team, the staff of a student publication or any other organization that represents the College. The Office of Academic Affairs will enforce the restrictions incurred by a student during academic probation.

#### ***ACADEMIC SUSPENSION***

Suspension is enforced withdrawal from the College, and is imposed after a semester in which a student's quality point deficit is 25 or higher.

#### ***APPEAL TO AVOID ACADEMIC SUSPENSION***

Upon receiving a notice of suspension, a student may appeal the suspension in writing to the Registrar, who will forward to the Academic Appeals Committee. Students who wish their suspension lifted for the fall semester must appeal by June 30. Students enrolled in the second session of Summer College must submit their written appeal on the last day of the summer class. In order to have suspension lifted in the spring, students must appeal no later than ten (10) business days before the beginning of spring classes. Suspension will not automatically be lifted in the case of an appeal. The burden is on the appealing student to provide evidence that he or she will be able to perform at a satisfactory academic level. Once referred to the

Academic Appeals Committee they will vote and make a recommendation to the Office of Academic Affairs.

### ***REINSTATEMENT AFTER ACADEMIC SUSPENSION***

A student who is under suspension for the first time will be out of school for a semester. A student who is reinstated after suspension and subsequently suspended again will not be considered for readmission until at least one calendar year has elapsed since the suspension became effective. Students will be informed in the suspension notice at what date they may be considered for readmission. Students who have been suspended and have remained out for the above-mentioned period must appeal in writing (Attention: Office of Academic Affairs) to be readmitted. Students who wish to be readmitted for the fall semester must appeal by June 30. Students who miss the June 30 deadline will not have their appeal reviewed until the committee meets at the end of summer session II. Students enrolled in the second session of Summer College must submit their written appeal on the last day of the summer class. For readmission in the spring, students must appeal no later than ten (10) days before the beginning of classes. The appeal will be referred to the Academic Appeals Committee who will make a recommendation to the Provost. Reinstatement is not automatic.

### ***ACCESS TO STUDENT RECORDS***

The Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99) is a Federal law that protects the privacy of student education records. The College observes state and federal freedom of information acts in providing for the privacy of official student records and the rights of students to review these records. Students wishing to review their official records should arrange to do so at the Office of the Registrar. The University of Virginia's College at Wise maintains the confidentiality of education records; neither such records, nor personally identifiable information contained therein, except for directory information, shall be released without student permission except as authorized by the law. If a student is attending a postsecondary institution - at any age - the rights under FERPA have transferred to the student. Parents of dependent (meaning the student is claimed as a dependent for tax purposes) students may, however, obtain access to the student's record, including grade reports, by submitting a written request to the Registrar. This written request must include proof of dependency.

Generally, schools must have written permission eligible students in order to release any information from a student's education record. However, FERPA allows schools to disclose those records, without consent, to the following parties or under the following conditions (34 CFR § 99.31):

- School officials with legitimate educational interest;
- Other schools to which a student is transferring;
- Specified officials for audit or evaluation purposes;
- Appropriate parties in connection with financial aid to a student;
- Organizations conducting certain studies for or on behalf of the school;
- Accrediting organizations;
- To comply with a judicial order or lawfully issued subpoena;

- Appropriate officials in cases of health and safety emergencies; and
- State and local authorities, within a juvenile justice system, pursuant to specific State law.

In accordance with FERPA (Family Educational Rights and Privacy Act), students who wish to amend or change any information in their records may contact the Registrar of the College. If the Registrar cannot resolve the problem, students may request a formal hearing with the Provost in the Office of Academic Affairs.

Student directory information will be released unless a student submits a written request to the Registrar's Office asking that the data, such as name, address, telephone number, etc., be withheld. Brochures detailing student access to records are available in the Registrar's Office.

### ***ACCURACY OF STUDENTS' RECORDS***

Students are responsible for verifying the accuracy of their academic records by the drop date of each semester and each time thereafter that they make a change in their schedule. Changes to a transcript are permitted only during the current and immediately following semester. Errors should be reported to the Registrar's Office within the stated timelines. After one year has lapsed, a student's record is considered permanent.

### ***ASSESSMENT REQUIREMENTS***

UVA Wise is required by an act of the General Assembly (1987), by the State Council of Higher Education in Virginia, and by the Southern Association of Colleges and Schools Commission on Colleges to provide a comprehensive plan for student learning outcomes assessment. The purpose of the Assessment Plan is to provide the institution with a process for improving instructional programs and student development programs. The plan includes assessment measures in the Liberal Arts Core, major field of study, and competencies mandated by the State Council.

Students are required to participate in all student outcomes assessment activities as deemed appropriate by UVA Wise. For specific information, students may contact the Director of Assessment and Evaluation.

### ***ATTENDANCE AND ABSENCE***

Each student is expected to attend all the classes and laboratories for which he or she is registered. Excessive absences in a course may result in disciplinary action by the Provost or Provost's designee up to and including withdrawal from the course. A student who is absent for any officially authorized reason may be excused for a stated period by the Office of Academic Affairs.

It is the students' responsibility to notify their instructors regarding any absences in a timely manner and to meet with their professors as soon as possible to get their class assignments. Students who have been officially excused will receive fullest consideration for make-up work.

A student who attends fewer than 50 percent of the lectures or laboratories in a course is not eligible for any credit for that course. Individual instructors may establish more stringent attendance policies, and may penalize students whose unexcused absences exceed policy as stated in the course syllabus, up to and including a request that students be withdrawn from the

course. Students should note course syllabus attendance expectations and consult with individual instructors regarding requests for excused absences.

Students who are not attending classes are formally reported through the faculty portal as well as individual email reports from instructors. Instructors report this information to the following offices: [Office of the Registrar](#) – students who have officially declared or have more than 45 hours earned. [Office of Student Engagement](#) – students who have not declared their major or who have less than 45 hours earned.

### **STUDENT ABSENCE**

Athletes -- Faculty will treat absences for athletic competition or travel to athletic competition in the same manner as absences owing to illness, doctor visits, or death in the family.

All other student absences --The same policy applies to students who are absent while representing the college in activities pertaining to academic or professional development (attending/giving papers at conferences, course-required field trips, college-sanctioned off-campus leadership training or retreats, off-campus college performances). Where possible, and in accordance with the instructor's academic objectives, students with such excused absences are to be permitted to make up missed work. This policy does not apply to practice, weight training, other athletic activities, or absences for non-academic or non-college-sponsored activities. All appeals to the above policy will be decided by the Provost.

### **CATALOG OF RECORD**

The academic regulations and degree requirements described in the 2022-2023 UVA Wise Catalog apply to all freshmen who first enroll at the College after August 1, 2022. A transfer student who first enrolls after this date may elect to use this catalog or the catalog used by most of his/her college graduating class. A student who re-enters the College after an absence of two or more regular semesters may elect to use the current catalog or the catalog used by most of his/her graduating class. A student may not use a catalog that is more than eight years old at the time of graduation.

A request for an exception to this policy must be submitted in writing to the Registrar who may ask the Academic Appeals Committee for a recommendation. Regardless of Catalog year chosen, all course prerequisites and corequisites apply based on the current year catalog of record.

### **CHANGE OF INFORMATION**

Each student is responsible for notifying the Office of the Registrar of any change in his or her biographic information (for example: home address, legal name, citizenship status, or social security number). For official changes, the student must provide the Office of the Registrar with a certified copy of applicable documents authorizing such change. Unofficial changes such as preferred name or preferred gender may be made without official documentation. Changes are accepted only from the student.

## **CLASS STANDING**

Students progressing toward a degree are classified as freshmen until they have earned 30 credit hours of credit. They are classified as sophomores after successful completion of 30 credit hours, juniors after successful completion of 60 hours and seniors after successful completion of 90 credit hours.

## **COURSE LOAD**

Regular Academic Term – A student enrolled in at least 12 credit hours in the fall or spring terms is considered a full-time student. The normal load for students planning to graduate in four years is 15 credit hours per semester. Students who wish to enroll for more than 18 credit hours must obtain permission from the Registrar and must have a grade point average of 3.00 or higher. The regular per-hour costs are charged for any hours beyond 18. Courses in which a student is registered as an auditor shall be considered as part of the course load and also charged at the regular per-hour rate.

Summer Term – The cumulative summer course load for both sessions may not exceed 14 credits.

## **DIPLOMA REPLACEMENT**

Students may purchase replacement diplomas through the UVA Wise Alumni Association. Call 276-328-0128 or send an email to [alumni@uvawise.edu](mailto:alumni@uvawise.edu).

## **EARNING A SECOND DEGREE**

A student who has earned a degree from UVA Wise may earn a second degree at the College by satisfactorily completing at least 24 distinct credit hours beyond the first degree. The student shall satisfy the requirements for a major and any departmental requirements in a degree path different from that of the first major. A second diploma may be awarded for a second major within a different degree path.

Students may complete majors in a Bachelor of Arts, a Bachelor of Science, or a Bachelor of Science in Nursing degree program at UVA Wise. Students who have earned a degree from UVA Wise may complete requirements for a second major within a given degree path by completing the course requirements for the second major. A second diploma will not be awarded for a second major within the same degree path. Students may not seek the same major in different degree paths.

1. The ultimate decision will belong to the department but must be justified as to whether to allow/disallow a course meeting the requirements for a major.
2. Where there is no substantial double dipping (BA in foreign language and a BS in math), the student will fulfill the requirements for both majors/degrees, and for the general education.
3. Where there are courses required by both degrees/majors (BA biology/BS environmental science biology track), depending on the number of duplicated courses, the chair would decide on a list of acceptable substitutions.

4. The department may decide that the extent of overlap is so great that permission is denied (BS biochemistry, BA chemistry) to pursue the second degree.

### **FROM ANOTHER INSTITUTION**

A student who has earned a bachelor's degree from another accredited college or university may earn a second degree at UVA Wise by completing at least 45 additional credit hours beyond the first degree and satisfying all College requirements - the Liberal Arts Core, the major and department core classes.

## **GRADUATION REQUIREMENTS**

The final responsibility for meeting graduation requirements rests with each individual student. Requirements for graduating with a degree from UVA Wise include:

1. A minimum of 120 earned credit hours. (At most, two hours earned in physical education activities courses may be counted as part of the 120 hour requirement.) Completion of the liberal arts core requirements is considered part of the 120 hours.
2. An overall grade point average of 2.00 or higher for all college level work (including all coursework at other institutions) and 2.00 or higher on all work attempted at UVA Wise.
3. In the major area, a grade point average as prescribed by the major.
4. Completion of requirements for one of the major program areas and the liberal arts core requirements as described in the catalog of record.
5. Completion of at least 45 credit hours through UVA Wise, with a minimum of 15 credit hours of upper-level courses completed in the major.
6. Fifty-eight hours of the 120 required for graduation must be taken at a regionally accredited, four-year institution with at least 45 of those hours taken at UVA Wise as stated above.
7. The filing of an application for graduation with the Office of the Registrar in a timely manner.

## **WALKING AT GRADUATION**

Students who plan to graduate at the end of May, Summer I or II sessions are eligible to file an online application to graduate. To walk in the May Commencement ceremony, all course work toward completing degree requirements must be completed by the end of Summer II session of the same year. Students who are planning to finish their degree requirements in December of the same year will not be allowed to walk in the May Commencement ceremony. Graduation applications must be submitted for consideration by March 1 of the year **prior** to completing requirements. The Office of the Registrar will consider accepting applications filed late but at least one semester prior to graduating. No graduation applications will be accepted after four weeks prior to Commencement.

## **ENROLLED STUDENT**

A new or re-admitted student will be considered enrolled if the following conditions are met:

- the student is registered for courses in any term (fall, spring or summer); and
- the student's attendance in at least one class has been verified; or the student has arrived on campus prior the start of classes to participate in official College functions including, but not limited to student employment, trainings, athletics, band, and Expedition.

After classes begin, students need to be withdrawn from the College in order to discontinue their enrollment status. Students are considered continuously enrolled when they are registered for consecutive fall and spring terms.

A student who pre-registers for classes and who receives financial aid must notify the Registrar's Office or the Cashier's Office before the last day to withdraw with a full refund if he or she does not intend to enroll for the semester. If a student fails to do so, 1) Financial aid will be awarded upon the attendance of one class resulting in the use of one semester of eligibility; and 2) A grade of "F" will be earned for all courses in which the student was pre-registered. Proof of enrollment may be accessed through the student portal via the student reports portlet.

A student will normally meet the graduation requirements outlined in the College catalog of the year in which the student entered the College. A student may elect to satisfy the requirements outlined in a catalog subsequent to those in effect when the student entered. However, a student may not use the requirements outlined in a catalog that is more than eight years old at the time a student graduates. A student may change catalogs by declaring a major with the appropriate Department Chair (see Declaration of Major).

Graduating seniors must be in good standing with respect to academics (see above) and the College judicial system. Any student who is not in good standing judicially, who has penalties levied but not satisfied as the result of a judicial process, or who has an Honor Court case pending will be allowed to walk during the graduation ceremony, but will not receive a diploma or transcript. The student's diploma and/or transcript will not be forthcoming until all penalties are satisfied and all sanctions are lifted.

### ***HONOR COURT ACTIONS***

Students who have an Honor Court case pending may not withdraw from the class in which the case originated.

### ***OFFICE MAIL AND EMAIL COMMUNICATIONS***

Official College communications are sent to institutional mailboxes or College email addresses. Students are required to check their mail or email on a regular basis and to respond promptly to all notices.

All students must obtain, maintain, and respond to faculty/administrative messages sent to their official UVA Wise email account. All official email communications between faculty, students, and staff shall use an official UVA Wise email account (@uvawise.edu). Contact the Information Technology HelpDesk in Darden Hall Room 110 or call 276-376-4509 for instructions on how to establish an official UVA Wise email account.

### ***PERMISSION FOR WORK AT OTHER INSTITUTIONS***

Students may take courses at other institutions after they are regularly enrolled at The University of Virginia's College at Wise. There is no guarantee, however, that courses taken at other institution will transfer back to UVA Wise. It is recommended that they seek the guidance of the Office of the Registrar prior to enrolling at other institutions to ensure that the courses will transfer back to Wise. Students can visit the [equivalency charts](#) on the web site to see what course may transfer. It is the student's responsibility to have an official transcript from the



transferring institution sent to the Office of the Registrar before the course will be considered as part of the student's academic record at UVA Wise.

Completed course work at other institutions does not release the student from any graduation requirements nor does it override any limit placed on transfer work. The maximum course work allowed toward graduation from a two-year institution is 62 hours.

If a student transfers to the College with more than 62 hours of appropriate course work from a two-year college, the student, in consultation with an advisor and the registrar, may choose which 62 hours to count toward graduation. To graduate, a student must complete 58 hours of credit at a regionally accredited 4-year institution; this includes a minimum of 45 hours at UVA Wise.

### **PLACEMENT IN COURSES**

All first-time freshmen and transfer students who do not have transfer credit for a college-level mathematics, English and foreign language courses will be placed in the appropriate courses based on processes that draw upon the student's academic record as well as the student's performance on standardized assessment tools.

### **ADVANCED PLACEMENT CREDIT**

UVA Wise accepts advanced credit from Advanced Placement Scores (AP), International Baccalaureate (IB), Cambridge, and College Level Examination Program (CLEP). Acceptance of credits is based solely on faculty evaluation. Faculty review advanced placement tests every three years or as needed and the acceptable scores and awarding of credit is placed on the UVA Wise website. Please visit the [placement chart](#) to review or download information for each of the advanced placement areas. If you have specific questions, please contact the [Office of the Registrar](#) via email or call 276-328-0117.

A department may excuse a student from taking the beginning courses in a required sequence of courses if the department determines the student ready for advanced work. The department may consider performance in secondary school, scores on the College Entrance Examination Board achievement or advanced placement tests, or scores on a departmental exam in determining the student's preparedness. Substitution of a higher course will not be required.

Exceptionally able and well-prepared students may also be awarded advanced standing credit. These credits may be counted toward a degree. Advanced standing credit is granted to students entering the College from high school or transferring from another college, with permission of the department concerned and sufficient scores on departmental exams covering the full scope and content of required courses. Consult departmental descriptions for other requirements.

### **VOLUNTARY WITHDRAWAL**

An official application to withdraw from UVA Wise is obtained from the Office of the Registrar. That application, along with an exit interview, must be completed in order for the withdrawal to be valid. A student who is under 18 years of age and is a tax dependent of the parents must have parental approval for withdrawal. Withdrawal takes place with the understanding that the student will accept responsibility for any debts owed the College as well as repayment of any monies owed as part of a financial aid package. Withdrawal is dated officially as the time the

student procures the form from and that date together with the student's last date of attendance in class will be the basis of any financial issues relating to the withdrawal.

Failure to withdraw properly will result in the student earning Fs in all the courses for which he/she is enrolled. A student will be permitted to withdraw from the College without penalty at any time up to and including the last regular class day of the semester. However, if a student withdraws during the last three weeks of classes, the student normally may not be allowed to enroll for the following regular semester. This provision must be appealed to the Academic Appeals Committee, and the appeal must be received in the Office of Academic Affairs no later than 10 days prior to the beginning of classes in the semester in which the student wishes to be readmitted. Under extraordinary circumstances, the Provost, with the advice of the Academic Appeals Committee, may grant exceptions to the above rule.

## **APPEALS POLICIES AND PROCEDURES**

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### ***ACADEMIC APPEALS COMMITTEE***

The Academic Appeals Committee will concern itself broadly with appeals of any academic policy and more specifically, it will hear appeals regarding academic probation and suspension of students; hear appeals of suspended students for readmission; and hear appeals of grades. The Committee will send a recommendation to the Provost.

### ***GRADE APPEAL PROCEDURE***

The instructor has full responsibility for the assignment of grades. The instructor must describe his/her grading procedure in the course syllabus and provide an explanation of that procedure at the beginning of the course. If a student believes a grade has been assigned incorrectly, the student must first discuss the matter with the instructor. If this does not resolve the issue, the student may appeal to the Chair of the academic department in which the course is located. In the event the issue is not resolved at this level, the student may appeal in writing to the Provost or the Provost's designee who may refer the appeal to the Academic Appeals Committee.

The appeal procedure must be initiated during the initial four weeks of the next regular semester of enrollment after the grade in question has been assigned. Grades are permanent and may not be changed after one calendar year from date of entry.

### ***REQUESTS FOR EXCEPTIONS TO THE RULES AND APPEALS***

Students who believe there is a valid reason for asking for an exception to any of the academic rules may file a written petition with the Registrar. The recommendation of the instructor and/or advisor should accompany the petition. The Registrar's response may be appealed to the Provost.

## **GRADE POLICIES**

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### ***AUDITING A COURSE***

The grade notation "AU" will be recorded for those students registered as auditors in a course. Students cannot register to audit a course after the last day to add a course. It is recommended

that students discuss this option with the instructor on record prior to submitting a Schedule Action Form signed by their advisor. Similarly, students who request a course be taken as credit/no credit must have it approved and may only do so prior to the last day to add a course.

### **COURSE CREDIT**

UVA Wise defines a credit-hour in accord with Federal regulations as an amount of student work equivalent to at least one hour of classroom or direct faculty instruction and a minimum of two hours out of class student work each week for approximately fifteen weeks, or the equivalent amount of work in on-line and other non-lecture formats.

### **CUMULATIVE COURSES**

Cumulative courses are courses that may be taken more than one time and still qualify for credit hours earned. These courses may or may not apply to requirements toward completing a major or minor program of study. That is determined by individual departments. Examples of such courses include but are not limited to: music courses, basic skills physical education courses (only two hours of PED basic skill credit may be applied toward graduation), special topics courses, internship courses, and independent study and research courses. For more information, please contact the Registrar of the College.

### **SPECIAL TOPICS (ST:) COURSES**

Special topics courses (designated ST: and generally designated 1950-1959, 2950-2959, 3950-3959 or 4950-4959 numerically) are courses that address current or timely topics that are in "pilot" phase before being offered on an ongoing basis, or that are known to be a one or two time offering. Special topics courses can vary from term to term. The Faculty Handbook (section 4.9.5.2) notes that these courses may not be offered more than twice for a particular course.

### **SERVICE LEARNING (SL:) COURSES**

**Contact: Heather Evans -- <https://www.uvawise.edu/academics/uva-wise-connects>**

Service learning courses (designated SL:) are courses that incorporate service learning, are approved by the ACE committee, and fit the following criteria:

- One or more course objective(s) will be addressed by students in their ACE (Academic Community Engagement) experience.
- The importance of community engagement is highlighted in the course syllabus.
- The course contains a reflective assignment about the ACE experience that is evaluative and graded as indicated in the course syllabus.
- For each course credit hour, each student will dedicate a minimum of three hours to the ACE experience.

### **COOPERATIVE EDUCATION COURSES**

(See the Department Chair for the Academic Major)

The Cooperative Education Program supplements classroom studies by providing work experience related to a student's academic major. Financial compensation may or may not be received for the work performed. Students must be of junior status and must spend two full semesters at UVA Wise before undertaking cooperative education. This requirement may be

waived by the appropriate department chair. After the second semester, students may work part time while continuing attendance at the College or alternate semesters of full-time attendance at the College with semesters of full-time work. The course numbers 3860-3869 and 4860-4869 have been reserved in all academic disciplines for the possible granting of academic credit for cooperative education. A maximum of 12 credit hours may be counted toward a degree. Academic credit may be applied toward an academic major by prior approval of the appropriate department chair. Students considering cooperative education should contact the department chair for specific departmental guidelines. Course descriptions for cooperative education taken as general electives are:

**GNE 3860-3869: Cooperative Education Project I** (1-6 credit hours) Prerequisite: Junior standing and approval of the appropriate Department Chair

Academic credit granted for a special project conducted in connection with a cooperative education work experience under the supervision of a faculty member and approved by the chair of the department of a student's major field. Each department will determine the total number of hours to be counted toward the major. Offered for credit-no credit only.

**GNE 4860-4869: Cooperative Education Project II** (1-6 credit hours) Prerequisite: Senior standing and approval of the appropriate Department Chair.

Academic credit granted for a special project conducted in connection with a cooperative education work experience under the supervision of a faculty member and approved by the chairman of the department of the student's major field. Each department will determine the total number of hours to be counted toward the major. Offered for credit-no credit only.

### ***CREDIT BY EXAMINATION***

The following procedure is used in the consideration of requests for award of credit by examination:

1. The student should complete a form that is available in the Office of the Registrar. This form requests consideration for credit by examination in a course. The student should submit this form and complete the exam during the first eight weeks of a regular semester. Credit by examination for a course is awarded only during a regular semester.
2. If the request is approved by the chair of the department in which the course is located, arrangements will be made between the department chair and the student at this time. The student will then register and pay a special fee of \$75 in the Cashier's Office. A copy of the receipt for the credit-by-exam fee should be attached to the request and returned to the Registrar's Office.
3. A full-time faculty member who normally teaches the course will evaluate the examination, which must be given, completed and evaluated during the semester in which the request is approved.
4. A record of the evaluation, which will normally include a written examination, will be placed in the student's permanent file in the Office of the Registrar or another appropriate place, as designated by the Registrar.
5. The award of credit requires approval of the chair of the department in which the course is located, and the Registrar.
6. An entry is made on the student's permanent record showing that credit by examination has been given.

7. If any extra expenses are incurred in the evaluation process, the student is responsible for payment of expenses.

### **CREDIT-NO CREDIT**

Students may elect to take a course on a credit-no credit basis, adhering to the following guidelines:

1. Courses taken under the credit-no credit system may not be applied toward the Liberal Arts Core requirements unless specified in the catalog (like PED Basic Skills).
2. Courses needed to fulfill requirements in a student's major field may not be taken under the credit-no credit system (except for those courses offered by the department concerned with the approval of the Academic Program Committee. Courses so taken are not subject to the limitations of section 3 below.) Courses in a student's major field that are in addition to the minimum requirements may be taken under the credit-no credit system.
3. No student may be permitted to take more than 26 credit-no credit hours to meet graduation requirements, nor will any student be permitted to carry more than seven hours under the credit-no credit system during any one semester except by special permission of the Provost.
4. For each course selected and completed with credit-no credit designation, a student will receive a grade of CR (credit) or NC (no credit) determined by the instructor.
5. Credit hours attempted under the credit-no credit option do not count in the computation of grade points. During the regular period for adding courses a student may modify his selection or selections in the same way as dropping or adding a class.
6. All Credit/No Credit requests must be made and approved prior to the last day to add a course.

### **EXCLUSION FROM COURSES**

A student who is making no progress in a course may be excluded from the course (with a grade of "W") upon recommendation of the instructor (See Involuntary Withdrawal Policy).

### **FINAL EXAMINATIONS**

Written examinations are held at the end of each semester during exam week. Absence from examinations is not excused except for sickness on the day of the examination attested by a physician's certificate or for other cause submitted to the Office of the Registrar and approved by the Provost. If such absence is unexcused, the grade on the course is entered as "F." A student whose absence from an examination is excused may take a special examination within a 30-day period on a date arranged between the student and the professor in charge of the examination.

### **GRADES**

The grade of a student in a course is determined by the faculty member teaching that course. In the course syllabus, students are informed of the method used in determining grades. "A", "B", "C", and "D" represent passing grades in order from the highest to the lowest. Passing grades may also be recorded with a plus or minus. "F" represents failure.

The measure of academic success is expressed in a grade point average. The grade point average (GPA) is the number of quality points earned divided by the number of credit hours

attempted. The number of grade points earned in a course is determined by multiplying the number of credit hours by the point value of the earned grade as shown in the following table:

Letter Grade	Quality of Work	Quality Points per Semester Hour
A+		4.0
A	Excellent	4.0
A-		3.7
B+		3.3
B	Good	3.0
B-		2.7
C+		2.3
C	Average	2.0
C-		1.7
D+		1.3
D		1.0
D-		.7
F	Failure	0

## GRADE REPORTS

Official grade reports are made available to the student within two weeks after the close of each semester on the student portal.

**Mid-Term Grades** – Faculty will submit mid-term grades *for freshmen* and those are available in the Reports and Billing section of the student portal.

**Final Grades** -- Final grades are reported by faculty the Monday after final exams. Final grade reports may be viewed by students and advisors on the student portal.

## INCOMPLETE GRADES

An "I" represents incomplete work in a course and indicates that the grade for the course is being withheld until additional work is performed and approved. Incompletes are not considered prejudicial grades. The decision to award an incomplete is made by the instructor. Students may receive this grade when serious illness, death in the immediate family, military service or other hardship during the semester in which they are registered prevents them from completing course requirements.

To receive an incomplete, a student should have completed a majority of the course's major requirements. A grade of "I" automatically becomes an "F" after 45 days if the instructor has not submitted a grade change prior to that time or requested an extension. Under extraordinary circumstances, extensions may be permitted at the request of the instructor with the approval of the Provost of the Provost's designee.

## ***INDEPENDENT STUDY***

The primary purpose of independent study courses is to give better than average students an opportunity to take a course or courses in subject matter appropriate for their academic program that would not otherwise be available at the College.

The following guidelines are used in considering requests for independent study courses:

1. A student may take no more than two independent study courses in one semester.
2. Independent study courses cannot be used to satisfy the Liberal Arts Core requirements.
3. To be eligible to take an independent study course, a student must have at least a 3.00 grade point average. To be eligible to take two independent study courses, a student must have at least a 3.50 grade point average.
4. A course cannot be taken on an independent study basis in a semester in which it is offered on a regular basis.
5. Part-time faculty do not offer independent study courses.
6. A full-time faculty member should offer no more than two independent study courses each semester if he or she is teaching a regular load, and none if he or she has an overload such as an extra class.
7. A request from a faculty member to add an independent study course should be accompanied by a course outline and a schedule of activities for the semester.
8. A request to add an independent study course must be submitted by the Department Chair and approved the Provost. The request must be returned to the Registrar's Office prior to beginning the class and the student's name should be included.

## ***NOT REPORTED***

An "NR" indicates a grade was not reported by the instructor. A student should contact the instructor directly to request an explanation or to obtain further information about options available.

## ***REPEATING A COURSE***

**Traditional Courses** -- A student who receives a grade of "B+" through "F" may choose to repeat a course. Courses repeated under this provision must be taken at UVA Wise. The most recent grade received will be the permanent grade in the course and the previous grade will not be included in the computation of grade point average **for the first two repeat attempts**. All other grades will be averaged into the students cumulative and term GPAs. Students may not register for a repeat class online and must use a Schedule Action Form signed by their advisor.

**Developmental Courses** -- A student will not be permitted to take a **remedial/developmental course** more than **twice** and if the student does not complete a remedial course satisfactorily the second time, he or she will not be permitted to enroll in the College again. Under exceptional circumstances, with the approval of the department chairman and the Registrar, a student may be permitted to take a remedial course a third time. It is the student's responsibility to request a replacement of the grade once a course has been repeated.

## **TRANSFER STUDENTS**

If a transfer student is accepted with a grade point average below 2.0, the student will have a grade point deficit and be subject to the same academic warning, suspension or probation as any other student.

## **TRANSCRIPTS**

In accordance with federal regulations, transcripts are issued upon receipt of a signed written or digital request. Transcripts may not be requested via email or telephone. UVA Wise does not charge a fee. You may request a transcript in one of the following ways:

1. Online, transcripts may be ordered by going to [www.uvawise.edu/registrar](http://www.uvawise.edu/registrar). This form requires authorization to release transcripts by digital signature. The transcript request form is submitted directly to the Registrar's Office.
2. In person, at the office of the Registrar. A [Transcript Request Form](#) must be completed before the transcript can be released.
3. By mail, by printing the Transcript Request Form or by hand-written letter. The letter must include your name, current address, last four digits of your social security number, the recipient's complete address, dates of attendance, other names while attending UVA Wise, phone number (in case there is a question) and your signature. Mail transcript request to: UVA Wise, Registrar, 1 College Ave., Wise, VA 24293.

## **TRANSCRIPT NOTATIONS**

UVA Wise uses Transcript Notations (an official statement either at the end of the transcript or within the term) to indicate any special information that needs to be shared. The following transcript notations may be placed (where applicable) on the student transcript:

- Academic Expulsion
- Academic Suspension
- Academic Probation
- Academic Warning
- Disciplinary Expulsion
- Disciplinary Suspension

In accordance with the Code of Virginia (23-9.2:15), Students will be notified in writing that the statement has been placed on their permanent record no more than 30 days after such notation is applied. In the event that a student is found not responsible or new information demands that the notation be removed, UVA Wise will remove the notation and inform the student in writing no more than 30 days after the notation is removed. Students who leave UVA Wise with a pending Honor Court charge will have their transcript so noted: "This student has a pending Honor Court violation and is not a student in good standing."

For the spring 2020 semester (1920 SP), students will have a special notation on that term only indicating a change in grading standard due to the COVID-19 pandemic. Students who made a C or higher in the course were given the option of taking a letter grade or a "CR," indicating credit. Students who made lower than a C- were given the option of taking a letter grade or an "NC," indicating no credit and non-prejudicial to student grade point average.



## **WITHDRAWAL**

A “W” indicates the student has withdrawn from the course after the recorded census date for the course. Courses dropped prior to this date do not appear on the student’s record. Courses with a recorded “W” will show on the student’s transcript and may not be removed. The “W” does not factor in computing the grade point average.

## **WITHDRAWAL LIMIT**

Students may withdraw from a course at any point up to the Friday after spring or fall break during the regular term. Established withdrawal deadline dates are posted on the College’s web page and in the student portal. Students who withdraw from a course after the last day to add a course will receive a “W” grade on their transcript. The number of W’s a student is permitted is limited to eight courses over the course of their academic career at UVA Wise. A “W” signifies a withdrawal from a course after the Census Date or designated “last day to withdraw from a course” on the official Academic Calendar. After reaching the 8-course limit, students will be unable to withdraw from another course and must accept the grade earned at the end of the semester. Before withdrawing from one or more courses, students should speak with the course instructor, his/her advisor, a financial aid officer, and the Office of the Registrar for guidance.

Students may also be involuntarily withdrawn from individual courses at the request of the instructor (see Involuntary Withdrawal Policy). After reaching the 8-course limit, students will receive the grade earned in the course and will be unable to withdraw from further coursework. Exemptions to this rule will be determined by the Provost on a per-course basis and when extraordinary circumstances merit consideration. Individual course administrative withdrawals will count toward the limit but students who withdraw **fully** from the College for a particular term will receive W’s for that term but these will not be included in the eight course limit. Note: This policy began in the fall of 2019. Previously or currently enrolled students who have withdrawn from courses in the past will have the same eight W-course limit and will not be penalized for past withdrawals.

## **MAJORS AND MINORS**

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A major is a group of courses clustered in an area of intellectual inquiry. Students in a major study a particular field of knowledge in depth so that they can read and interpret the literature of that field and perform the work of that field in an effective manner. UVA Wise offers three baccalaureate degrees in 33 majors.

For the Bachelor of Arts, Bachelor of Science, or Bachelor of Science in Nursing degree, students will earn a minimum of 120 credit hours in courses that include the Liberal Arts Core requirements, all requirements of the chosen major, and electives. Electives should be chosen in consultation with the student’s academic advisor and may be taken at any time appropriate for the student’s program of study. A course applied to the requirements of one major may not be applied to the requirements of a second major, except where specifically permitted by the

department or discipline. A course applied to requirements for the major may not be applied to requirements for the minor, except where specifically permitted by the department or discipline. Typically, a minor includes at least 18 or more credit hours in a chosen discipline, 12 hours of which must be in courses at the 3000-level or above unless otherwise specified by the department. A course applied to requirements for the major may not be applied to requirements for the minor. Information about a major or minor may be found in the chapter devoted to the appropriate academic department. The College currently offers 39 minors.

<b>Major Program of Study</b>	<b>Degree and Department</b>
Accounting	Bachelor of Science Degree in Business Administration & Management, Department of Business and Economics
Accounting	Bachelor of Arts Degree in Business Administration & Management, Department of Business and Economics
Administration of Justice	Bachelor of Science Degree in Social Science, Department of Social Sciences
Art	Bachelor of Arts Degree in Liberal Arts and Sciences, Department of Visual and Performing Arts
Biochemistry	Bachelor of Science Degree in Natural Sciences, Department of Natural Sciences
Biology	Bachelor of Arts Degree in Natural Sciences, Department of Natural Sciences
Biology	Bachelor of Science Degree in Natural Sciences, Department of Natural Sciences al Sciences
Business Administration	Bachelor of Arts Degree in Business Administration & Management, Department of Business and Economics
Business Administration	Bachelor of Science Degree in Business Administration & Management, Department of Business and Economics
Chemistry	Bachelor of Arts Degree in Natural Sciences, Department of Natural Sciences al Sciences
Chemistry	Bachelor of Science Degree in Natural Sciences, Department of Natural Sciences al Sciences
Communication Studies	Bachelor of Arts in English, Department of Communication Studies
Computer Science	Bachelor of Science Degree in Computer Science, Department of Mathematics and Computer Science
Earth Sciences	Bachelor of Arts Degree in Natural Sciences, Department of Natural Sciences al Sciences
Economics	Bachelor of Arts Degree in Business Administration & Management, Department of Business and Economics
Economics	Bachelor of Science Degree in Business Administration & Management, Department of Business and Economics
English	Bachelor of Arts Degree in English, Department of Language and Literature
Environmental Science	Bachelor of Arts Degree in Natural Sciences, Department of Natural Sciences al Sciences
Environmental Science	Bachelor of Science Degree in Natural Sciences, Department of Natural Sciences
Exercise Science	Bachelor of Arts Degree in Liberal Arts & Science, Department of Education
Foreign Studies	Bachelor of Arts in Liberal Arts and Sciences, Department of Language and Literature
French	Bachelor of Arts in Liberal Arts & Science, Department of Language and Literature
Government	Bachelor of Arts Degree in Social Science, Department of Social Sciences

## UVA Wise 2022-2023 Catalog

Health & Physical Education, Teacher Licensure	Bachelor of Arts Degree in Liberal Arts & Science, Department of Education
Health and Wellness	Bachelor of Arts Degree in Liberal Arts & Science, Department of Education
History	Bachelor of Arts Degree in History, Department of History and Philosophy
Interdisciplinary Studies	Bachelor of Arts Degree in Liberal Arts and Sciences, Review Committee Appointed by Provost and Dean
Liberal Arts and Sciences	Bachelor of Arts Degree in Liberal Arts & Science, Department of Education
Management Info Systems	Bachelor of Science Degree in Management Information Systems, Department of Mathematics and Computer Science
Mathematics	Bachelor of Science Degree in Mathematics, Department of Mathematics and Computer Science
Medical Technology/Clinical Laboratory	Bachelor of Science Degree in Natural Sciences, Department of Natural Sciences
Music	Bachelor of Arts Degree in Liberal Arts & Science, Department of Visual and Performing Arts
Nursing	Bachelor of Science in Nursing Degree, Department of Nursing
Psychology	Bachelor of Science Degree in Social Science, Department of Social Sciences
Sociology	Bachelor of Science Degree in Social Science, Department of Social Sciences
Software Engineering	Bachelor of Science Degree in Software Engineering, Department of Mathematics and Computer Science
Spanish	Bachelor of Arts in Liberal Arts & Science, Department of English and Literature
Sport Management	Bachelor of Arts Degree in Liberal Arts & Science, Department of Education
Theater	Bachelor of Arts Degree in Liberal Arts & Science, Department of Visual and Performing Arts

MINORS	DEPARTMENT
Accounting	Business and Economics
Administration of Justice	Social Sciences
Appalachian Studies	Interdisciplinary
Art	Visual and Performing Arts
Biology	Natural Sciences
Business	Business and Economics
Chemistry	Natural Sciences
Communication Studies	Communications
Computer Science	Mathematics and Computer Science
Data Science Minor	Mathematics and Computer Science
Earth Science	Natural Sciences
Economics	Business and Economics
English	Language and Literature
Entrepreneurship	Business and Economics
Exercise Science	Education
Finance	Business and Economics
French	Language and Literature
German	Language and Literature
Government	Social Sciences
Hispanic & Hispanic-American Studies	Language and Literature
History	History and Philosophy
International Business	Business and Economics
International Studies	Interdisciplinary

Leadership	Interdisciplinary
Library Media	Education
Marketing	Business and Economics
Mathematics	Mathematics and Computer Science
Medieval-Renaissance Studies	Language and Literature/Interdisciplinary
Military Science	Business and Economics
Music	Visual and Performing Arts
Philosophy	History and Philosophy
Physics	Natural Sciences
Pre-Law	Social Sciences
Psychology	Social Sciences
Public Health	Natural Sciences
Religious Studies	History and Philosophy
Secondary Education	Education
Sociology	Social Sciences
Spanish	Language and Literature
Sport Management	Education
Theater	Visual and Performing Arts
Women's Studies	Interdisciplinary

## DECLARATION OF MAJOR

All full-time students must declare their major by meeting with the appropriate Department Chair by March 1 of the semester in which they will reach 45 hours of course credits. Students who have not declared their majors by that deadline in the appropriate semester will not be allowed to register for fall courses until after all other students have completed registration.

Department Chairs	
<b>Business and Economics – Craig Lefanowicz</b> Email: <a href="mailto:cel5f@uvawise.edu">cel5f@uvawise.edu</a>	<b>Natural Sciences – Robin Woodard</b> Email: <a href="mailto:rlw2j@uvawise.edu">rlw2j@uvawise.edu</a>
<b>Communication Studies – Rachel Tighe</b> Email: <a href="mailto:rt3n@uvawise.edu">rt3n@uvawise.edu</a>	<b>Social Sciences – Kristina Feeser</b> Email: <a href="mailto:kf2q@uvawise.edu">kf2q@uvawise.edu</a>
<b>Department of Education – Andy Cox</b> Email: <a href="mailto:pac4v@uvawise.edu">pac4v@uvawise.edu</a>	<b>Visual &amp; Performing Arts – Ben Mays</b> Email: <a href="mailto:mb8q@uvawise.edu">mb8q@uvawise.edu</a>
<b>Language and Literature – John Cull</b> Email: <a href="mailto:jtc9kj@uvawise.edu">jtc9kj@uvawise.edu</a>	<b>Nursing – Nancy Haugen</b> Email: <a href="mailto:vyu7eu@uvawise.edu">vyu7eu@uvawise.edu</a>
<b>Math/Computer Science – James Vance</b> Email: <a href="mailto:jav6e@mcs.uvawise.edu">jav6e@mcs.uvawise.edu</a>	<b>History – Tom Costa</b> Email: <a href="mailto:tmc5a@uvawise.edu">tmc5a@uvawise.edu</a>

## HONORS

### DEAN'S LIST OF DISTINGUISHED STUDENTS

Students who have at least 12 credit hours of credit during a given semester with no grades below "C-" and a grade point average of 3.50 term GPA or higher are placed on the Dean's List of Distinguished Students each term. Students with an "I" grade in any course will not be

considered for the Dean’s List before the “I” grade has been removed. Hours taken as credit-no credit or audit are not included as a part of the course load for Dean’s List consideration.

**DEPARTMENTAL HONORS**

Students who are in the top quarter of their class and make scholarly or creative contributions beyond formal classroom requirements may be considered for departmental honors.

To graduate with departmental honors, a student must complete a project which demonstrates an unusually high level of academic achievement and which wins approval from the Honors Committee. The types of projects eligible for consideration as honors projects will be defined by the academic departments or disciplines, subject to approval of the Honors Committee.

For an honors project, a student must submit a proposal to the Honors Committee with the recommendation of the faculty member who will supervise the project and the appropriate department chairman. The proposal should be submitted by April 15 of the junior year and must be submitted before September 15 of the senior year.

The supervising faculty member and department chairman must recommend the completed project to the Honors Committee for final approval. The Honors Committee has final authority to select those students who will graduate with honors.

Each student will make a public, oral presentation on his or her completed project. No student need necessarily be awarded honors and normally no more than five percent of a graduating class should qualify for such honors.

**GRADUATION WITH HONORS -- ACADEMIC DISTINCTION**

Students who achieve academic distinction through sufficiently high cumulative grade point averages are recognized at graduation. For students who plan to walk in the May Commencement exercises, the graduation honors distinction that is placed in the program will be based on their cumulative grade point average in the prior term since the ceremony occurs prior to final grade point recalculations. Final honors distinctions will be recorded on the official student transcript after all grade point calculations have been conducted.

The averages necessary are:

<b>DISTINCTION</b>	<b>GRADE POINT AVERAGE</b>
cum laude	3.500-3.699
magna cum laude	3.700-3.899
summa cum laude	3.900-4.000

**UNDERGRADUATE SCHOLARSHIP: RESEARCH AND CREATIVE ACTIVITIES**

Undergraduate research at The University of Virginia’s College at Wise is an evolving endeavor. Students have the opportunity to engage in independent research and creative activities through their majors and through programs especially developed for summer research. Funding provided by the Fellowship in the Natural Sciences (FINS) and the Undergraduate Research Council’s Summer Scholar Stipends allows students to engage in mentored research or creative

activities. The Healthy Appalachia Institute (HAI), a partnership between the College and the University of Virginia, supports student fellows in conducting research on health issues in the region as well as participating in global health research with U.Va.'s Center for Global Health. Students receiving FINS, Summer Scholar Stipends, or HAI Fellowships are required to present their work at public forums during the following academic year. They are also encouraged to submit abstracts for the various symposia held in the spring. A student research symposium with member colleges of the Council of Public Liberal Arts Colleges (COPLAC) offers selected students a forum in which to present the results of their research. Through these efforts and others, the College honors its commitment to the liberal arts, enhancing and expanding our students' education through experiential learning.

### ***UNDERGRADUATE RESEARCH COUNCIL***

The Undergraduate Research Council promotes the discovery of new knowledge and expression of the human experience by means of student-faculty collaboration. The Council conceives of an environment in which students understand the importance of research and creative activity to them as individuals and to society as a whole. Expanding and enhancing the College's commitment to a liberal arts experience, the Council takes an active role in promoting these experiences at the College by:

- Encouraging connections between research or creative activities and the classroom throughout the curriculum.
- Encouraging collaboration among students and faculty in research and creative activities and expanding the intellectual connections among the undergraduate institutions of the region.
- Distributing resources for projects, including but not limited to stipends, funds for travel and supplies, and use of requisite College facilities and equipment.
- Recognizing all students undertaking extra-curricular research or engaging in mentored creative activities at the College and honoring the achievements of students who distinguish themselves through "Graduation with Research Honors," and sponsoring the Chancellor's Medal for Excellence in Undergraduate Research.
- Recognizing the mentoring relationships faculty develop with students engaging in research or creative activities and the scholarly achievements of student-faculty collaborations at the College.

### ***CHANCELLOR'S MEDAL FOR EXCELLENCE IN UNDERGRADUATE RESEARCH***

The College recognizes and honors students who have attained a high level of scholarship as undergraduates. To that end, the Chancellor's Medal is awarded annually to a student who has demonstrated excellence in the pursuit of knowledge beyond the classroom. To be eligible for the Chancellor's Medal, a student must have been nominated by a faculty mentor in response to an exceptional project, and members of the Undergraduate Research Council must have judged the student's work to be particularly meritorious and deserving of public recognition.

## THE PEAKE HONORS PROGRAM

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Director: John Mark Adrian

The Peake Honors Program offers academically-motivated students further opportunities for engagement and growth through participation in intensive, interdisciplinary courses and enriching out-of-class activities. Students completing the program not only gain the skills associated with advanced study, but also earn the distinction of graduating "With College Honors."

### **ADMISSION TO THE PROGRAM**

Admission to the Peake Honors Program is generally granted to qualified incoming freshmen with an academic GPA of 3.5 or above and a combined SAT score of 1200 or better (Math + Critical Reading). Sophomores, juniors, and transfer students with a cumulative GPA of 3.5 or above are also eligible to apply for admission to the program. These students should provide a letter of recommendation from a faculty member at either UVA Wise or their previous college. Any student who is not accepted into the Peake Honors Program may submit a letter of appeal to the Director that will be reviewed by the Honors Committee.

### **THE HONORS CURRICULUM**

Students in the Peake Honors Program are required to maintain a cumulative GPA of 3.5 or above. They are also required to complete the following program of study:

- 9 hours of 3000- or 4000-level Honors Courses (only 3 hours of which may be taken within a student's major);
- 8 Honors events; and
- 3 hours of an Honors Senior Capstone Project **OR** 2 independent research projects completed at any point during their time in the program.

### **HONORS COURSES**

Honors seminars are small, discussion-oriented courses with more rigorous reading, writing, and speaking components than average courses. The classes usually revolve around specialized topics and are often interdisciplinary in nature. In order to allow for flexible and innovative course offerings, most Honors seminars are taught as special topics courses that vary from semester to semester. Please see the Program Director for up-to-date information about current and upcoming course offerings.

Recent offerings have included: Religion and Science, Hamlet and Its Influence, Morality and Capitalism, Propaganda, The Black Plague, Race, Class and Gender in Latin America, The Commercial Future of Space Exploration, The Italian Renaissance, The Knight in American Culture, The Year 1968

**HON 3950: Special Topics (3)**

**HON 4950: Special Topics (3)**

**HON 4990: Senior Capstone (3)**

An independent, interdisciplinary research project culminating in a paper and a public presentation in a special Honors colloquium.

### ***HONORS EVENTS***

The Honors Program offers access to a variety of on-campus and off-campus events designed to broaden students' understanding of and appreciation for a wide range of arts and sciences. Students may attend lectures, plays, and musical performances, visit museums or historic landmarks, participate in a service project, or travel abroad. Qualifying events include honors-specific events as well as general college events designated as "cultural activities." (Note: if a student attends a college-designated "cultural activity," this event cannot serve as both a Liberal Arts Core cultural activity and as an Honors Event.) The student should attend the event and also submit a 1-2 page written reflection/critique to the Program Director. Participation in 8 approved events (or 2 per year) over the course of one's academic career is required.

### ***HONORS INDEPENDENT RESEARCH***

#### **Senior Capstone**

During their final semester of study, Honors students will undertake a semester-long, interdisciplinary research project. Working closely with at least 2 faculty members from different disciplines, the student will generate a topic, conduct research, compose a paper, and present his/her findings at a special Honors colloquium. Prior to beginning the Capstone Project, the student must submit a proposal to the Program Director that will then be submitted to the Honors Committee for approval. Note: the same project cannot be used to fulfill a departmental capstone and an Honors capstone.

#### **Independent Projects**

As an alternative, a student may design and complete two smaller, independent research projects at any point during their time in the Honors Program. Such projects could include an independent study with a faculty member, an additional research paper in a regular class, a study abroad journal or presentation, the writing of a play or other creative manuscript, or any other suitable academic/creative exercise. Projects must be approved beforehand by the Program Director and should culminate in a paper, presentation, or other tangible display of knowledge.



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## DEPARTMENT OF BUSINESS AND ECONOMICS

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**Degree:** Bachelor of Science in Business Administration and Management  
Bachelor of Arts in Business Administration and Management

**Majors:** Accounting, Business Administration, and Economics

**Interim Chair:** Craig Lefanowicz

**Faculty:** Christopher F. Achua, Teena S. Fast, Frank Frey, Elizabeth Hirschman, David L. Kendall, Zafar D. Khan, Shankar Naskar, Sabrina Qureshi, Marc Sandefur, Thomas Scholl, Ning Zhou

The Department of Business and Economics offers the Bachelor of Arts and Bachelor of Science degrees with majors in accounting, business administration, and economics. The Department's faculty teach courses in accounting, business computing, business education, business statistics, commercial law, economics, finance, marketing, strategy and management.

The Department's Bachelor of Arts degree is well suited for pre-professional study in law or public administration. Both the Bachelor of Arts and Bachelor of Science degrees prepare students for careers or graduate school in economics, accounting, finance, marketing, management, business education, or entrepreneurship.

### ***DEGREE PROGRAMS***

All majors in the department require satisfactory completion of a minimum of 120 credit hours, including (1) 53 hours of Liberal Arts Core requirements of the College, (2) 30 hours of core requirements of the Department, (3) 15 hours of required major-discipline courses, (4) 15 hours of restricted elective courses selected by students from a menu of upper-division courses in each major, and (5) sufficient unrestricted electives to reach a minimum total of 120 hours for the baccalaureate.

***Bachelor of Arts*** - Candidates for the Bachelor of Arts degree must include **12 credit hours of courses in the humanities** (English, history, foreign language, literature, philosophy, or visual and performing arts) at the 3000-level or higher as part of the minimum 120 hours required for the baccalaureate. Foreign language courses numbered 2010 and 2020 may also be counted to meet part of the 12-hour requirement.

### ***DEPARTMENTAL MATH REQUIREMENTS***

To satisfy the department's mathematics requirement and the Liberal Arts Core requirements of the College, all majors in the Department must complete as a minimum, with a grade of "C" or better, MTH 1010: College Algebra and a second 3-hour MTH course numbered MTH 1110: Pre-Calculus I or higher. Students who choose to complete MTH 1210 (or higher) and MTH 1180 may request that they substitute for ECO 2240 and ECO 2250 respectively thereby fulfilling both the Liberal Arts Core math requirement as well as the ECO 2240/2250 in the department core.

## DEPARTMENTAL CORE REQUIREMENTS

All majors in the *Department must complete each of the courses listed below with a grade of "C" or better*. Students should generally complete all lower-division courses in the Core before scheduling upper-division courses in their major.

COURSE CODE	TITLE	CREDIT HOURS	GRADE REQUIRED
ACC 2010	Principles of Accounting I	3	"C" or better
ACC 2020	Principles of Accounting II	3	"C" or better
BUS 2110	Quantitative Analysis with Spreadsheets	3	"C" or better
BUS 4990	Capstone Business Simulation	3	"C" or better
COM 1000	Public Speaking	3	"C" or better
COM 3400	Business and Professional Communication	3	"C" or better
ECO 2050*	Microeconomic Principles	3	"C" or better
ECO 2060	Macroeconomic Principles	3	"C" or better
ECO 2240	Quantitative Methods I	3	"C" or better
ECO 2250	Quantitative Methods II	3	"C" or better
<b>TOTAL</b>		<b>30</b>	

\*ECO 2050 satisfies three hours of the 9-hour social sciences requirement of the Liberal Arts Core of the College.

Students majoring in the Department must complete each departmental core course, each required major-discipline course, each elective major-discipline course, and each restricted elective course with a grade of "C" or better to be eligible for graduation. All prerequisite courses must be completed with a grade of "C" or better before enrolling in subsequent courses requiring the prerequisite. Minimum requirements for majors in accounting, business administration, or economics comprise 30 hours of designated courses, as specified below.

## BACHELOR OF ARTS OR BACHELOR OF SCIENCE MAJOR IN ACCOUNTING

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COURSE CODE	TITLE	CREDIT HOURS	GRADE REQUIRED
<b><i>Departmental Core – All Courses Required</i></b>			
ACC 2010	Principles of Accounting I	3	"C" or better
ACC 2020	Principles of Accounting II	3	"C" or better
BUS 2110	Quantitative Analysis with Spreadsheets	3	"C" or better
BUS 4990	Capstone Business Simulation	3	"C" or better
COM 1000	Public Speaking	3	"C" or better
COM 3400	Business and Professional Communication	3	"C" or better
ECO 2050*	Microeconomic Principles	3	"C" or better
ECO 2060	Macroeconomic Principles	3	"C" or better
ECO 2240**	Quantitative Methods I	3	"C" or better
ECO 2250	Quantitative Methods II	3	"C" or better
<b><i>Required Major-Discipline Courses</i></b>			
ACC 3010	Intermediate Accounting I	3	"C" or better
ACC 3020	Intermediate Accounting II	3	"C" or better
ACC 3030	Advanced Accounting I	3	"C" or better
ACC 3100	Cost Accounting	3	"C" or better
ACC 4100	Auditing I	3	"C" or better
<b><i>Restricted Upper-Division Electives</i></b> Students choose 15 additional hours of upper-division electives from the department's upper-division accounting course offerings.			
ACC XXXX	3000- or 4000-level Accounting Course	3	"C" or better
ACC XXXX	3000- or 4000-level Accounting Course	3	"C" or better
ACC XXXX	3000- or 4000-level Accounting Course	3	"C" or better
ACC XXXX	3000- or 4000-level Accounting Course	3	"C" or better
ACC XXXX	3000- or 4000-level Accounting Course	3	"C" or better
<b>TOTAL</b>		<b>60</b>	

## BACHELOR OF ARTS OR BACHELOR OF SCIENCE MAJOR IN BUSINESS ADMINISTRATION

COURSE CODE	TITLE	CREDIT HOURS	GRADE REQUIRED
<b><i>Departmental Core – All Courses Required</i></b>			
ACC 2010	Principles of Accounting I	3	"C" or better
ACC 2020	Principles of Accounting II	3	"C" or better
BUS 2110	Quantitative Analysis with Spreadsheets	3	"C" or better
BUS 4990	Capstone Business Simulation	3	"C" or better
COM 1000	Public Speaking	3	"C" or better
COM 3400	Business and Professional Communication	3	"C" or better
ECO 2050*	Microeconomic Principles	3	"C" or better
ECO 2060	Macroeconomic Principles	3	"C" or better
ECO 2240**	Quantitative Methods I	3	"C" or better
ECO 2250	Quantitative Methods II	3	"C" or better
<b><i>Major-Discipline Courses – All Required</i></b>			
BUS 3310	Principles of Management	3	"C" or better
BUS 4850	Strategic Management	3	"C" or better
MKT 2020	Principles of Marketing	3	"C" or better
<b><i>Elective Major-Discipline Courses – Choose Two Courses</i></b>			
Students majoring in business administration consult with their academic advisor to select two courses from the following list:			
BUS 3410	Conflict Management	6	"C" or better
BUS 3620	Social Issues & Business Ethics in Management		
BUS 3510	Human Resource Management		
BUS 3750	Organizational Leadership		
BUS 4500	Organizational Behavior		
FIN 3820	Principles of Finance		
FIN 3830	Financial Management		
FIN 3920	Investment Analysis		
MKT 3100	Advertising & Marketing Communication		
MKT 3500	Consumer Behavior		
MKT 4100	Marketing Research		
<b><i>Restricted Upper-Division Electives</i></b>			
Students choose 15 additional hours of upper-division electives from the Department's upper-division accounting course offerings in accounting (ACC), business administration (BUS), economics (ECO), entrepreneurial (ENT), finance (FIN) or marketing (MKT).		15	"C" or better
<b>TOTAL</b>		<b>60</b>	

## BACHELOR OF ARTS OR BACHELOR OF SCIENCE MAJOR IN ECONOMICS

COURSE CODE	TITLE	CREDIT HOURS	GRADE REQUIRED
<b><i>Departmental Core – All Courses Required</i></b>			
ACC 2010	Principles of Accounting I	3	"C" or better
ACC 2020	Principles of Accounting II	3	"C" or better
BUS 2110	Quantitative Analysis with Spreadsheets	3	"C" or better
BUS 4990	Capstone Business Simulation	3	"C" or better
COM 1000	Public Speaking	3	"C" or better
COM 3400	Business and Professional Communication	3	"C" or better
ECO 2050*	Microeconomic Principles	3	"C" or better
ECO 2060	Macroeconomic Principles	3	"C" or better
ECO 2240**	Quantitative Methods I	3	"C" or better
ECO 2250	Quantitative Methods II	3	"C" or better
<b><i>Major-Discipline Courses – All Required</i></b>			
ECO 3050	Intermediate Microeconomic	3	"C" or better
ECO 3060	Intermediate Macroeconomics	3	"C" or better
<b><i>Elective Major-Discipline Courses – Choose Three Courses</i></b>			
Students majoring in economics consult with their academic advisor to select two courses from the following list:			
ECO 3110	Economics of the Public Sector	6	"C" or better
ECO 3120	International Trade and Policy Issues		
ECO 3140	International Business		
ECO 3170	Environmental Economics		
ECO 3250	Economics of Development and Growth		
ECO 4100	History of Economic Thought		
ECO 4110	Public Finance		
ECO 4160	Econometrics		
FIN 3100	Money, Banking and Financial Markets		
FIN 3820	Principles of Finance		
FIN 3830	Financial Management		
FIN 4200	International Financial Management		
<b><i>Restricted Upper-Division Electives</i></b>			
Students choose 15 additional hours of upper-division electives from the Department's upper-division accounting course offerings in accounting (ACC), business administration (BUS), economics (ECO), entrepreneurial (ENT), finance (FIN) or marketing (MKT).		15	"C" or better
<b>TOTAL</b>		<b>60</b>	

## **DEPARTMENTAL CAPSTONE REQUIREMENT**

Students majoring in the Department must complete BUS 4990: Capstone Business Simulation, the departmental capstone course, during their final semester at UVA Wise. The senior capstone course is an integral part of the Department's major-program assessment activities. Students must also complete a comprehensive capstone examination of knowledge in their major discipline and the departmental core as part of the capstone course. The comprehensive capstone examination comprises 20 percent of the capstone course grade.

## **MINORS**

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The Department offers minors in accounting, business administration, economics, finance, leadership studies, military science, and international business. All minors offered by the Department require at least 12 hours at the 3000-level or higher completed through UVA Wise. Students majoring in accounting, business administration, or economics may not count courses selected as restricted electives in their major program toward a minor offered by the Department.

### **MINOR IN ACCOUNTING**

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
ACC 2010	Principles of Accounting I	3
ACC 2020	Principles of Accounting II	3
ACC 3010	Intermediate Accounting I	3
ACC 3020	Intermediate Accounting II	3
ACC XXXX	Any other upper-division accounting course	3
ACC XXXX	Any other upper-division accounting course	3
<b>TOTAL</b>		<b>18</b>

### **MINOR IN BUSINESS ADMINISTRATION**

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
ACC 2010	Principles of Accounting I	3
BUS 3310	Principles of Management	3
BUS XXXX	Any other upper-division BUS course	3
BUS XXXX	Any other upper-division BUS course	3
ECO 2050	Principles of Microeconomics	3
MKT 2020	Principles of Marketing	3
<b>TOTAL</b>		<b>18</b>

**MINOR IN ECONOMICS**

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
ECO 2050	Principles of Microeconomics	3
ECO 2060	Principles of Macroeconomics	3
ECO 3050	Intermediate Microeconomics	3
ECO 3060	Intermediate Macroeconomics	3
ECO XXXX	Any other upper-division ECO course	3
ECO XXXX	Any other upper-division ECO course	3
<b>TOTAL</b>		<b>18</b>

**MINOR IN ENTREPRENEURSHIP**

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
ACC 2010	Principles of Accounting I	3
BUS 3310 <b>OR</b> MKT 2020	Principles of Management <b>OR</b> Principles of Marketing	3
ENT 3010	Entrepreneurial Creativity and Innovation	3
ENT 3050	Foundations of Entrepreneurship	3
ENT 3060	Entrepreneurial Small Business	3
ENT 4500	Advanced Topics in Entrepreneurship	3
<b>TOTAL</b>		<b>18</b>

**MINOR IN FINANCE**

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
FIN 3100	Money, Banking, and Financial Markets	3
FIN 3820	Principles of Finance	3
FIN 3830	Financial Management	3
FIN 3920	Investment Analysis	3
ECO 4110	Public Finance	3
FIN 4200	International Financial Management	3
<b>TOTAL</b>		<b>18</b>

### **MINOR IN INTERNATIONAL BUSINESS**

The Department of Business and Economics collaborates with the Department of Language and Literature to offer a minor in international business.

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
ECO 1050 or ECO 2050	Foundations of Economics or Microeconomic Principles	3
BUS 3140/ECO 3140	International Business	3
FIN 4200	International Financial Management	3
<b>ELECTIVE COURSE GROUP 1 -- CHOOSE ONE</b>	BUS 3111 Ecommerce BUS 3120 Business Information Systems MKT 2020 Principles of Marketing BUS 3460 Entrepreneurship ECO 3120 International Trade and Policy Issues ECO 3250 Economics of Development & Growth FIN 3920 Investment Analysis	3
<b>ELECTIVE COURSE GROUP 2 - CHOOSE ONE</b>	POL 4810 International Relations POL 4820 American Foreign Policy HIS 3640 Foreign Policy of the US since 1900	3
Foreign Language	Any intermediate level foreign language course, or foreign studies (FST 4900) or study abroad for one semester	3
<b>TOTAL</b>		<b>18</b>

### **MINOR IN LEADERSHIP STUDIES (Interdisciplinary)**

The minor comprises one required course and 15 hours of elective courses selected from the courses listed below, in at least three different disciplines.

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
BUS 3310	Principles of Management	3
BUS/LDS 3750	Organizational Leadership	3
CHOOSE 12 HOURS FROM AT LEAST THREE DIFFERENT DISCIPLINES	BUS/LDS 1350 Keys to Success, BUS 3410 Conflict Management, BUS 3510 Human Resource Management, BUS 3620 Social Issues & Business Ethics in Management, BUS 4500 Organizational Behavior, COM 3400 Business & Professional Communication, COM 4400 Organizational Communication, ENG 3110 Women in Literature, HIS 3650/4650 Women in American History, PSY 3060 Cultural Diversity, PSY 3200 Behavioral Medicine/Health Psychology, PSY 3350 Psychology of Human Motivation, SOC 3120 Community & Social Change SOC 3310 Social Psychology, SOC 3400 Complex Organizations, and SOC 3600 Sociology of Race & Ethnicity	12
<b>TOTAL</b>		<b>18</b>



### **MINOR IN MARKETING**

The minor comprises 18 hours of coursework. Students minoring in Marketing will be able to successfully present themselves to potential employers upon graduation and will be able to assist their employers in crafting effective marketing communications and interpreting incoming data from the marketplace.

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
MKT 2020	Principles of Marketing	3
MKT 3100	Advertising and Marketing Communications	3
MKT 3200	Digital Marketing	3
MKT 3500	Consumer Behavior	3
MKT 3700	Data Visualization & Analytics	3
MKT 4100	Marketing Research	3
<b>TOTAL</b>		<b>18</b>

### **MINOR IN MILITARY SCIENCE**

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
HIS 3600/4600	American Military History	3
MSC 1210	Leadership/Personal Development	3
MSC 1220	Introduction to Tactical Leadership	3
MSC 3110	Adaptive Tactical Leadership	3
MSC 3120	Leadership in a Changing Environment	3
MSC 4110	Developing Adaptive Leaders	3
<b>TOTAL</b>		<b>18</b>

### **TEACHER EDUCATION, CPA CERTIFICATION AND PRE-LAW**

The Department’s faculty advises students pursuing licensure in teacher education, public accounting, law, or public administration to help them select appropriate electives that support certification or preparatory work for additional professional study. Students who seek licensure in teacher education may major in any of the Department’s majors but must also comply with requirements and policies for admission to and retention in the Teacher Education Program.

### **DOUBLE MAJORS**

Students may earn a double major in the Department of Business and Economics by completing all requirements for two majors within the department. The second major comprises 15 hours of required major-discipline courses for the major plus 15 hours of upper-division restricted electives appropriate for the second major. No course in the additional 30 hours required for the second major may be counted to satisfy the first major.

Students majoring outside the Department may complete a second major in the Department of Business and Economics by completing all requirements for the major in the Department of Business and Economics, including the math requirement, the 30-hour Departmental Core, 15 hours of required major-discipline course, and 15 hours of upper-division restricted electives appropriate for the second major.

**INDEPENDENT STUDY**

The Department encourages advanced students to include independent study in their course work in accordance with the academic policies of the College. The Department does not offer independent study for regularly scheduled courses listed in this catalog.

**BUSINESS COURSES REQUIRED FOR VIRGINIA TEACHER LICENSURE:**

Consult the director of the Teacher Education Program for a list of professional courses and admission requirements.

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
Accounting	6 credit hours of coursework	6
Economics	3 credit hours of coursework	3
Foundations of Business	<ul style="list-style-type: none"> <li>• Business Law</li> <li>• Business Principles</li> <li>• Human Resource Management</li> <li>• Marketing</li> <li>• Finance</li> </ul>	12
Communication	One course from each area below: <ul style="list-style-type: none"> <li>• Communications</li> <li>• Business Systems and Procedures</li> <li>• Computer Applications</li> <li>• Word Processing and Information Systems</li> <li>• Keyboarding (can be demonstrated by Proficiency Test or transfer credit)</li> </ul>	15
Supervised Business Experience	<ul style="list-style-type: none"> <li>• Cooperative Education</li> <li>• Work Experience</li> <li>• Observation</li> <li>• Internship</li> </ul>	3
<b>TOTAL</b>		<b>18</b>

Faculty of the Department Business and Economics offer the courses listed below on a regular basis. The Department offers certain required courses only in fall semesters or spring semesters. Other courses may be available less frequently, such as once every other year. Students are responsible for working with their departmental advisor and planning carefully to schedule required courses when they are offered. The Department does not offer independent study for regularly scheduled courses listed below.

## COURSES IN ACCOUNTING

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### **ACC 2010: Principles of Accounting I (3)**

An introduction to the language of business and accounting. Topics include the accounting model, financial statements, and individual elements of financial statements.

### **ACC 2020: Principles of Accounting II (3)** Prerequisite: ACC 2010

A continuation of ACC 2010. Topics include additional financial accounting topics and an introduction to managerial accounting for business entities.

### **ACC 2950, 2960: Special Topics (1-3)**

### **ACC 3010: Intermediate Accounting I (3)** Prerequisite: ACC 2020, BUS 2110

An intensive study of generally accepted accounting principles. Topics include an overview of accounting and in-depth study of assets.

### **ACC 3020: Intermediate Accounting II (3)** Prerequisite: ACC 3010

A continuation of ACC 3010. Topics include in-depth study of liabilities and stockholders' equity.

### **ACC 3030: Advanced Accounting I (3)** Prerequisite: ACC 3020

A continuation of ACC 3020. An intensive study of financial reporting which focuses on financial statements and related disclosures. Reporting and disclosure issues include earning per share for complex capital structures, post-employment benefits, accounting for income taxes, and new developments in financial reporting.

**ACC 3100: Cost Accounting (3)** Prerequisite: ACC 2020, Departmental math requirements met. A study of accounting methods and practice for generating business cost data. Topics include cost concepts, cost behavior, cost-volume-profit relationships, responsibility accounting, and costing techniques.

### **ACC 3150: Managerial Accounting (3)** Prerequisite: ACC 3100

A continuation of ACC 3100, this course is a study of methods and analysis for using cost accounting data for business decision making. Topics include cost behavior analysis, cost-volume-profit analysis, inventory management, and budgeting analysis.

### **ACC 3870, 3880: Cooperative Education Project I (1-6, 1-6)**

Cannot count as part of the restricted upper-division electives. Students can obtain information from the Department Chair.

### **ACC 3950, 3960: Special Topics (1-3, 1-3)**

### **ACC 4100: Auditing I (3)** Prerequisite: ACC 3020 and ECO 2250

An introduction to audit methodology and the auditing profession. Topics include generally accepted auditing standards, auditing procedures, and the AICPA Code of Professional Ethics.

### **ACC 4110: Auditing II (3)** Prerequisite: ACC 4100

A continuation of ACC 4100. Topics include application of standards, procedures, advanced field-work problems, and auditing reports.

**ACC 4140: Federal Tax Accounting I (3)** Prerequisite: ACC 3020

An introduction to federal income tax law and its application to individuals. Topics include personal and business tax situations for individuals. Students also study basic tax research methods.

**ACC 4150: Federal Tax Accounting II (3)** Prerequisite: ACC 4140

A study of federal income tax laws for partnerships, corporations, estates, and trusts. Topics include comparisons of alternative forms of operating a business and tax research methods.

**ACC 4170: Governmental Accounting (3)** Prerequisite: ACC 3020

An introduction to financial accounting for state and local governments. Topics include funds, accounts groups, and reporting requirements.

**ACC 4350: Advanced Accounting II (3)** Prerequisite: ACC 3030

A study of accounting and financial reporting for business combinations. Additional topics include emerging developments in the accounting profession.

**ACC 4870, 4880: Cooperative Education Project II (1-6, 1-6)**

Students can obtain information from the Department Chair.

**ACC 4950, 4960: Special Topics (1-3, 1-3)**

**ACC 4970: Individual Research (1-3)**

## **COURSES IN BUSINESS ADMINISTRATION**

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**BUS 1350: Keys to Success (3)**

Arising from the tradition of American entrepreneurship, the material for this course was developed by Napoleon Hill from the thoughts of many of the turn-of-the-century business leaders who played a significant role in shaping the destiny of America and the world. Andrew Carnegie so strongly believed in the existence of universal principles of success and achievement that he sponsored the research of Hill. This course examines concepts and principles that when properly applied, lead to personal achievement and self-actualization. Dual listing with LDS 1350.

**BUS 2110: Quantitative Analysis with Spreadsheets (3)** Prerequisite or corequisite: Type 25 words per minute; MTH 1010

An introduction to spreadsheet analysis used in typical business applications. Topics include fundamentals of spreadsheet operation, using spreadsheets to solve quantitative problems in business, and creating spreadsheet reports.

**BUS 2950, 2960: Special Topics (1-3, 1-3)**

Special topics courses include courses that address current or timely topics, that are in "pilot" phase before being offered on an ongoing basis, or that are known to be a one or two time offering. Special topics courses can vary from term to term.

**BUS 3100: Microsoft Office for Professionals (3)** Prerequisite or corequisite: Type 25 words per minute; ENG 1010

An introduction to practical use of MS Office applications used in typical business environments. Topics include using Microsoft Word for written business communication, including composing letters, job applications, resumes, research papers, and newsletters. Students also learn to design, create, and present effective slide show presentations using Microsoft Power Point.

**BUS 3111: Ecommerce (3)** Prerequisite: MKT 2020

A study of emerging online technologies, trends and their influence on the marketplace of electronic commerce. Topics include revenue models, online payments, how to market on the Web, online auctions, online security, fraud, identity theft, ethics, and legal issues.

**BUS 3114: Project Management (3)** Prerequisites: BUS 2110 and BUS 3310

A study of principles of project management. Topics include project proposal, planning, task scheduling, and execution, evaluation, and team management of large- and small-scale projects.

**BUS 3118: Project Risk Management (3)**

This course provides students with effective tools for measuring and assessing project risks throughout the project lifecycle. Upon completion, students will gain a better understanding of practices used to assess, manage, and mitigate risks. Emphasis is placed on managing risks associated with project changes and risks associated with information technology projects. Students will learn how to conduct risk assessment with the project team.

**BUS 3120: Business Information Systems (3)** Prerequisite: BUS 2110

An up-to-date, business-oriented overview of information systems. The course purpose is to help students attain a basic understanding of information technology (IT), develop a framework for analyzing business needs, evaluate IT solutions, define project goals and understand a project's impact on the organization. This is not a course about hands-on use of computers.

**BUS 3130: Information Security (3)** Prerequisite: BUS 2110, BUS 3120

An introduction to computer-based information systems security. Topics include identifying potential risks for data loss or unauthorized, legal liabilities of security breaches, risk mitigation, and management

**BUS 3140/ECO 3140: International Business (3)**

An overview of international business with a focus on global business using economic theories and concepts of international trade. Topics include contemporary global business, factors affecting global business, international monetary systems and financial markets, and multinational corporations. This course also explores gains from trade and patterns of international trade using economic analysis.

**BUS 3150: Commercial Law I (3)**

A study and survey of the general rules of law that determine the rights and liabilities of persons engaged in business activities. Topics include contracts, agency, and commercial instruments.

**BUS 3160: Commercial Law II (3)**

Further study of the laws of business. Topics include property, security devices, legal forms of business organizations, estates, bankruptcy, and government and business.

**BUS 3280: Introduction to Cyber Security (3)**

This course covers the foundation of risks and damages associated with digital fraud and cyber crimes including internet crime, cyberstalking, electronic crime and identity theft. It also covers the fundamentals of cybersecurity, cyber-attacks, software vulnerabilities and exploitation, malware, intrusion detection systems, firewalls, and password security, cyber-ethics, security policies, threat detection, risk management, security assessments, incident response, and open systems interconnection model and TCP/IP. (Cross-listed with AJU and CSC.)

**BUS 3310: Principles of Management (3)**

An introduction to the theory of managing organizations. The course is organized around the classic four functions of management: planning, organizing, leading and controlling. Topics focus on recent developments and trends in management theory and practice within each of these functions.

**BUS 3410: Conflict Management (3)** Prerequisite: BUS 3310

An overview of various strategies used to manage interpersonal conflict within organizations. Specifically, the course focuses on the factors that lead to conflict and violence, and it will explore the various methods for handling conflict such as communication tactics, negotiation and mediation.

**BUS 3460: Entrepreneurship (3)** Prerequisite: BUS 3310 and MKT 2020

A study of the processes of entrepreneurship including principles of accounting, finance, and budgeting to facilitate successful startup and continuing operation of new business ventures. Topics include challenges of startup, creating a business plan, acquiring early-stage financing, and managing cash flow.

**BUS 3510: Human Resource Management (3)** Prerequisite or corequisite: BUS 3310

This course covers topics essential to the effective administration of personnel including: human resource planning, job design, the recruitment and selection of employees (with special emphasis on employment testing and interviewing), civil rights legislation, performance appraisal, compensation, and employee security and safety.

**BUS 3620: Social Issues & Business Ethics in Management (3)** Prerequisite or corequisite: BUS 3310

This course examines the role of business firms within the context of the social and legal cultures in which they operate. Primary emphasis is placed on the ethical implications of controversial business activities and events. Specific topics include business/government interactions, monopolies, antitrust regulation, corporate social responsibility, business ethics, the rights and responsibilities of employees, racial and sexual discrimination, affirmative action, environmental degradation, product liability, and employee safety and health.

**BUS 3750/LDS 3750: Organizational Leadership (3)** Prerequisite: ENG 1020

A multi-disciplinary examination of leadership from political and management perspectives. Topics include understanding leadership traits, abilities, behaviors, sources of power, and elements of situations that determine effectiveness of leaders to influence followers and achieve organizational objectives.

**BUS 3870, 3880: Cooperative Education Project I (1-6, 1-6)**

Cannot count as part of the restricted upper-division elective. Students can obtain information from the Department Chair.

**BUS 3950, 3960: Special Topics (1-3, 1-3)**

**BUS 4500: Organizational Behavior (3)** Prerequisite or corequisite: BUS 3310

A behavioral science approach to organizational management problems created by the interaction of individuals in organizations. Topics include perception, attitude change, motivation, group behavior, leadership, organizational politics, and organizational change and development.

**BUS 4850: Strategic Management (3)** Prerequisites: MKT 2020, ECO 2250, BUS 3310, ACC 2020 (ECO 2250 and ACC 2020 may be taken as a corequisite.)

An introduction to strategic management. Topics include analysis of the firm's external and internal environments; impacts of strategic actions; and understanding how a firm's resources, capabilities, and core competencies affect the company's ability to establish a sustainable competitive advantage and achieve success. Students study the rigors of industry and competitive analysis, the ingredients of an effective strategic plan, special demands of operating in an increasingly global competitive environment, and administrative tasks associated with implementing and executing a chosen strategy. The course requires independent reading, case study analysis, and oral and written project presentations.

**BUS 4870, 4880: Cooperative Education Project II (1-6, 1-6)**

Students can obtain information from Department Chair.

**BUS 4950, 4960: Special Topics (1-3, 1-3)**

**BUS 4970: Individual Research (1-3)**

**BUS 4990: Capstone Business Simulation (3)** Prerequisite: Final senior semester; ECO 2250  
Corequisite: COM 3400 (should be taken during the same semester as BUS 4990)

The department's senior capstone course for all departmental majors. A hands-on computer simulation of running a company. The course requires students to develop business strategy, execute tactics, analyze competitors, and respond to computer-generated problems, opportunities, and changes in the operating environment. Students work in teams as the company's executive managers; student teams compete against other teams worldwide. Faculty instructors function as business consultants to student teams. Students learn by doing; learning how to run a company by making operating decisions for a simulated company using a sophisticated software application. The course requires oral and written presentations; students

also complete the department's comprehensive capstone examination as part of the course requirements.

## COURSES IN ECONOMICS

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### **ECO 1050: Foundations of Economics (3)**

A single-semester, non-mathematical introduction to economics that satisfies three hours of the 9-hour social science requirement in the Liberal Arts Core of the College. Topics include fundamental concepts of economics; principles of free enterprise and capitalism; prices in a market economy; the market model of supply and demand; the distribution of income in the United States; the circular flow of income and expenditures; macroeconomic policy goals; fiscal and monetary policy; and the role of government in the economy.

### **ECO 2050: Microeconomic Principles (3)** Prerequisite: Grade of "C" or better in MTH 1010

An introduction to microeconomic theory. Topics include fundamental concepts of economics; prices in a market economy; the market model of supply and demand; comparative advantage and exchange; competition, prices, and supply decisions; the distribution of income through profits, interest, rents, and wages; and government's role in the economy.

### **ECO 2060: Macroeconomic Principles (3)** Prerequisite: ECO 2050 and a grade of C or better in MTH 1010

An introduction to macroeconomic theory. Topics include the circular flow of income and expenditures; aggregate supply and demand; economic stability, growth, and recession; supply and demand for money; fiscal and monetary policy; and demand- and supply-side views of the economy.

### **\*ECO 2240: Quantitative Methods I (3)** Prerequisite: MTH 1010

An introduction to mathematical tools used in business, accounting, and economics to analyze theoretical and applied problems. Topics include: 1) Review of number theory; 2) Laws of exponents; 3) Time value of money, theory and extensive applications; 4) Solutions to linear simultaneous equations with emphasis on two linear equations; graphical solutions and shifting of straight lines in 2-space; 5) Analytic geometry; e.g., Cartesian coordinates, mathematics of straight lines, mathematics of quadratic equations and representation in 2-space; concepts of slope and rates of change, and delta notation. ***\*Students may replace ECO 2240 in their departmental core requirements with MTH 1210 or higher MTH course with a grade of B+ or higher.***

### **ECO 2250: Quantitative Methods II (3)** Prerequisite: MTH 1010; Corequisite: BUS 2110

An introduction to applied quantitative methods used in accounting, business, and economics. Topics include descriptive statistics; elementary probability theory; probability and the normal distribution; elementary sampling theory and sample design; point and interval parameter estimation; using z and t distributions; the sampling distribution of the mean; hypothesis testing; and one-way ANOVA. Students use MS Excel to complete numerous problems with specific applications in accounting, business, and economics.



**ECO 2550: Basic Economic Issues and Concepts (3)**

This course is for students interested in economic education at the K-12 level. All course topics will help prepare students for future classroom dealings with economics and other issues. Includes lessons on basic economics, globalization and sustainability. This will also include many planned activities. Some of the topics include economic terms such as opportunity cost and inflation, entrepreneurship, stock market and the U.S. economy.

**ECO 2950, 2960: Special Topics (1-3, 1-3)**

**ECO 3050: Intermediate Microeconomics (3)** Prerequisite: ECO 2050

A study of microeconomic theory. Topics include utility and consumer demand theory; cost and production theory; markets, competition, and price searching; and the supply and demand for labor and capital.

**ECO 3060: Intermediate Macroeconomics (3)** Prerequisite: ECO 2060

A study of macroeconomic theory. Topics include national income accounting; the IS-LM model; models of aggregate supply and demand; inflation; macroeconomic policy debates; models of consumption, investment, money, and labor with implications for macro models.

**ECO 3110: Economics of the Public Sector (3)** Prerequisite: ECO 1050 or ECO 2050

A study of the role of government in the U.S. economy. Topics include externalities and market failure; public goods and collective choice; federal expenditures and tax policy; entitlement programs; and regulatory activities.

**ECO 3120: International Trade and Policy Issues (3)** Prerequisite: ECO 1050 or ECO 2050 or ECO 2060

An introduction to the economic theories of international trade. Topics include comparative advantage and gains from trade, patterns of international trade in goods and services, and economic analysis of policies that affect the nature and volume of international trade, such as tariffs, quotas, and preferential subsidies.

**ECO 3140/BUS 3140: International Business (3)**

An overview of international business with a focus on global business using international trade theory and concepts. Topics include global business today, factors affecting global business, international monetary systems and financial markets, and multinational corporations. This course also explores gains from trade and patterns of international trade using economic analysis.

**ECO 3170: Environmental Economics (3)** Prerequisite: junior or senior standing

A study of the theory of economic externalities and the environment. Topics include the economics of energy, common property resources, population growth, global climate change, sustainable economic development, and cost-benefit analysis. The course explores the use of policy instruments such as Pigovian taxes, cap & trade, distribution of property rights, and the Coase Theorem to achieve optimal environmental policy goals.

**ECO 3250: Economics of Development and Growth (3)** Prerequisite: ECO 1050 or ECO 2050 or ECO 2060

A study of economic theories of economic development and growth. Topics include economics of developing countries and theories of regional growth within developed countries in the context of the U.S. and world experience.

**ECO 3870, 3880: Cooperative Education Project (1-6, 1-6)**

Students can obtain information from the Department Chair. Cannot count as part of the restricted upper-division electives.

**ECO 3950, 3960: Special Topics (1-3, 1-3)**

**ECO 4100: History of Economic Thought (3)** Prerequisite: ECO 2050 and ECO 2060

A survey of the evolution of economic thought and theory. The course traces the development of economic thinking from ancient times to the present, highlighting people who made important contributions, their lives, and the social context that shaped their economic ideas.

**ECO 4110: Public Finance (3)** Prerequisite: ECO 1050 or ECO 2050

A study of the economic consequences of alternative expenditure and financing schemes for government. Topics include principles of federal, state, and local government finance; taxation and efficiency; taxation and income distribution; alternatives to taxation; and alternative tax bases.

**ECO 4160: Econometrics (3)** Prerequisite: ECO 2050, ECO 2060, ECO 2250,

An introduction to creating and using quantitative economic models. Topics include creating mathematical representations of economic behavior and principles of model building. Students will discuss principles of econometrics, practice the use of econometric techniques, and build and describe an econometric model of their own design.

**ECO 4870, 4880: Cooperative Education Project II (1-6, 1-6)**

Students can obtain information from the Department Chair.

**ECO 4950, 4960: Special Topics (1-3, 1-3)**

**ECO 4970: Individual Research (1-3)**

## **COURSES IN ENTREPRENEURSHIP**

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**ENT 3010: Entrepreneurial Creativity and Innovation (3)**

A course designed to help students develop their creative potential and enable them to generate innovative ideas that will enrich their person and professional lives. Creative thinking techniques, processes for managing and overcoming barriers to creativity and innovation, the application of design thinking, and the various types of innovation are all discussed. It is considered an essential course for students who wish to study the field of entrepreneurship or who have entrepreneurial ambitions. It is also valuable for students who wish to expand their thinking horizon.

**ENT 3050: Foundations of Entrepreneurship (3)** Corequisite: ACC 2010

This course serves as an introduction to the field of entrepreneurship. Students will learn to use the most current tools and frameworks in entrepreneurship to identify, assess and capitalize on the right new venture opportunity. The course also provides an opportunity to student to hypothesize, test and refine their value propositions and create a business model canvas using the customer development process. It is appropriate for students with entrepreneurial ambitions, or who are consulting in the areas of marketing, branding, supply chain and strategy, regional economic development, and higher education.

**ENT 3060: Entrepreneurial Small Business (3)**

A course for students interested in starting small business in in traditional markets and industries as compared to starting high-growth, high-tech, and high-innovation businesses. It will expose students to a broad spectrum of small business creation approaches while delving into the various functions that are an integral part of managing a small business

**ENT 4500: Advanced Topics in Entrepreneurship (3)** Prerequisite: ENT 3050

This course focuses on the practice of entrepreneurship. It requires students to test value proposition hypotheses through scientific experimentation while at the same time exploring design thinking for complex problem solving. Concepts relating to financial and legal issues and their implications for entrepreneurs are also key elements. Students will develop skills to build their revenue, business, operational and financing models while weaving them into the financial statements for their entrepreneurial venture. Skill in networking, marketing, and pitching the new venture idea in entrepreneurship competitions and to investors is developed through assignments and case studies.

## **COURSES IN FINANCE**

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**FIN 1020: Personal Finance (3)**

An introduction to financial planning. Topics include money management and personal budgets, taxes, banking relationships, credit, real estate, insurance, investment vehicles such as stocks, bonds and mutual funds, and retirement. This course is also designed for students/teachers interested in teaching financial literacy at the K-12 level. All course topics will help prepare students/teachers for future classroom dealings with personal finance related issues.

**FIN 3100: Money, Banking, and Financial Markets (3)** Prerequisite: ECO 1050 or ECO 2060

A study of money, central banking, and financial markets. Topics include the Federal Reserve, commercial banking and deposit creation; financial intermediaries and regulation; the Fed and monetary control; financial markets and interest rates; and topics in international finance.

**FIN 3820: Principles of Finance (3)** Prerequisite: C or better in BUS 2110 and MTH 1010 or higher numbered math course Corequisite: ACC 2020 and ECO 2250

An introduction to the theory of finance. Topics include time value of money; valuation of stocks and bonds; modern portfolio theory; CAPM; and the efficient markets hypothesis.

**FIN 3830: Financial Management (3)** Prerequisite: FIN 3820

An introduction to principles of financial management. Topics include financial statements; the firm and its financial environment, discounted cash flow analysis, how corporations issues securities, concepts of risk and return; the cost of capital; capital structure; debt policy, dividend policy; financial statement analysis; and financial planning.

**FIN 3920: Investment Analysis (3)** Prerequisite: junior or senior standing

An introduction to principles of investment in stocks, bonds, and other financial assets. Topics include securities markets, portfolio theory, valuation of common stocks, market efficiency, valuation of bonds, and portfolio management.

**FIN 4200: International Financial Management (3)** Prerequisite: ECO 2060

A study of the international monetary system and its relationship to U.S. trade and monetary policy. Topics include the foreign exchange market and exchange rate determination; the balance of payments; alternative exchange rate systems; and domestic monetary and fiscal policy in an open economy.

## COURSES IN MARKETING

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**MKT 2020: Principles of Marketing (3)**

An introduction to business activities and behavior involved in marketing goods and services in a market economy. Topics include the marketing function, consumer behavior, marketing practices of firms, and the interaction of firms' marketing activities with external market forces.

**MKT 3100: Advertising and Marketing Communication (3)** Prerequisite: MKT 2020

An introduction to the theories and principles involved in several types of marketing communications, including advertising, sales promotion, public relations, direct marketing and in-store promotions. This course has a research emphasis, and will require students to conduct original research projects and present results.

**MKT 3200: Digital Marketing (3)** Prerequisite: MKT 2020

This course will examine digital marketing strategy, implementation, and execution. We will cover the what, why and how of major digital marketing channels, including online advertising, search engine optimization, mobile, social media, email marketing, and web analytics. Upon completion, students will gain a comprehensive knowledge and know how to develop an integrated digital marketing strategy, from formulation to implementation.

**MKT 3500: Consumer Behavior (3)** Prerequisite: MKT 2020

This course presents business students with a cross-section of social science perspectives on consumer behavior. These will include the fields of psychology, social psychology, sociology, and anthropology as they pertain to consumers' acquisition and use of products. Additional theories and findings will be incorporated from biogenetics, history, semiotics and neuroscience. Applied experience will be gained through analysis of research projects in which students will collect and interpret consumer behavior data.

**MKT 3600: Data Visualization and Analytics (3)** Prerequisite: Background knowledge of MS Excel and/or statistics from any discipline is recommended for this course OR Permission of Instructor

This course provides an introduction to data visualization and analytics. Three core components of marketing analytics: data, analytics and visualization will be examined. Tools such as MS Excel and Tableau will be used to explore the present data. The course is designed to provide students with the foundations necessary to create well-designed visual representations generated from sound analyses of data.

**MKT 4100: Marketing Research (3)** Prerequisite: MKT 2020

The Marketing Research course is designed to introduce students to the fundamentals of both qualitative and quantitative research design, implementation and evaluation. Within qualitative research the topics include in-depth interviews, focus groups, projective techniques, participant observation and ethnography. Quantitative material includes questionnaire design and testing, issues of reliability and validity, sampling, statistical significance testing, nonparametric statistics for small samples, and analysis of variance.

## **COURSES IN MILITARY SCIENCE**

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**MSC 1180: Leadership/Personal Development Lab (1)**

Practical application of leadership skills and an introduction to military drills and ceremonies. Uniforms will be issued.

**MSC 1181: Tactical Leadership Lab (1)** Corequisite: MSC 2110

Practical application of leadership skills and an introduction to military drills and ceremonies. Uniforms will be issued.

**MSC 1210: Leadership/Personal Development (3)**

Introduces students to the personal challenges and competencies critical for effective leadership. Students learn how the personal development of life skills such as critical thinking, goal setting, time management, physical fitness, and stress management relate to civilian and military leadership professions. Students will receive basic marksmanship training.

**MSC 1217: Physical Fitness (Basic) (1)**

Designed to promote overall fitness with an emphasis placed on nutrition, endurance, and strength training as part of an overall lifestyle. This course may be repeated up to three times for a total of 4 credits.

**MSC 1220: Introduction to Tactical Leadership (3)** Prerequisite: MSC 1210

Innovative Team Leadership. Explores the dimensions of creative and innovative tactical leadership strategies and styles of examining team dynamics. Examines two historical leadership theories that form the basis of civilian and military leadership traits and behavior theories. Students practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises and participating in leadership labs. Case studies

provide tangible context for learning the Soldier's Creed and Warrior Ethos as they apply in changing operating environments.

**MSC 2150: Military Skills I (3)**

This course examines the challenges of leading tactical teams in complex and changing operating environments. It highlights the dimensions of terrain analysis, patrolling, and operating orders. Further study of the theoretical basis of the leadership framework explores the dynamics of adaptive leadership in the context of military operations. Students develop greater self-awareness as they assess their own leadership styles and practice communication and team-building skills.

**MSC 2160: Military Skills II (3)**

This second half course examines the challenges of leading tactical teams in complex and changing operating environments. It highlights the dimensions of terrain analysis, patrolling, and operating orders. Further study of the theoretical basis of the leadership framework explores the dynamics of adaptive leadership in the context of military operations. Students develop greater self-awareness as they assess their own leadership styles and practice communication and team-building skills.

**MSC 3110: Adaptive Tactical Leadership (3)** Prerequisite: MSC 1217 for a total of 4 credits, MSC 1210, MSC 1220, and MSC 2150; or permission of instructor

Course continues to challenge students to study, practice, and evaluate adaptive leadership skills as they are presented with challenging scenarios related to squad tactical operations. Students receive systematic and specific feedback, as well as their own self-evaluations. Students continue to develop their leadership and critical thinking abilities.

**MSC 3120: Leadership in a Changing Environment (3)** Prerequisite: MSC 3110 or permission of instructor

Course utilizes increasingly intense situational leadership challenges to build awareness and skills in leading tactical operations up to platoon level. Students will review aspects of combat, stability, and support operations; conduct military briefings to develop proficiency in giving operation orders; and focus on exploring, evaluating, and developing skills in decision-making, persuading, and motivating team members in changing operating environments.

**MSC 3217: Physical Fitness Instructor (1)** Prerequisite: upper division standing

Designed to prepare the MS III and IV contracted Cadets to conduct and evaluate military physical fitness training. Course is required for contracted Cadets. May be repeated up to three times for credit.

**MSC 4110: Developing Adaptive Leaders I (3)** Prerequisite: Completion of MSC 3120 or permission of instructor

This course develops proficiency in planning, executing, and assessing complex operations; functioning as a member of a staff; and providing performance feedback to subordinates as part of civilian and military leadership professions. Students assess risk, make ethical decisions, identify responsibilities of key staff, coordinate staff roles, and use situational opportunities to teach, train and develop subordinates.

**MSC 4120: Developing Adaptive Leaders II (3)**

This second half course explores the dynamics of leading in the complex situations of current military operations in changing operating environments. Students examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. Course also explores aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support.

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## DEPARTMENT OF COMMUNICATION STUDIES

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**Degree:** Bachelor of Arts in English

**Major:** Communication Studies

**Chair:** Rachel Tighe

**Faculty:** Amy Clark, Brittany Robertson, Rachel Tighe, Julia Weiss

The Department of Communication Studies offers a Bachelor of Arts degree with a major in Communication Studies.

### ***APPLICATION PROCESS***

Those who wish to earn the Bachelor of Arts degree with a major in Communication Studies must complete the following procedure:

1. Submit to department chair a declaration of major form. In order to be accepted into the department major, students must have a 2.0 GPA overall and a 2.3 GPA in courses taken for the major.
2. The student will be assigned an advisor to assist in developing a schedule of courses to complete the major.
3. This procedure must take place by the first semester of the student's junior year to ensure that the student has completed the Liberal Arts Core requirements, and to provide time to complete the major requirements in a reasonable fashion. From time to time, the department will review the progress of the student.

### ***HONORS***

The Department of Communication Studies is pleased to award graduation with honors to distinguished students. To earn honors the student shall:

1. Maintain a 3.50 cumulative grade point average in courses taken on campus and courses transferred to UVA Wise;
2. Be nominated for honors by the student's departmental advisor and at least one other member of the department;
3. Submit a research paper in COM 4992 that is deemed to be distinguished by at least two members of the Department of Communication Studies.

### ***MAJOR IN COMMUNICATION STUDIES***

The Major in Communication Studies is recommended for students who plan careers or graduate school in communication, journalism, media studies or related areas. Students will complete the following course of studies:



<b>COMMUNICATION STUDIES MAJOR</b>			
<b>AREA</b>	<b>COURSE</b>	<b>TITLE</b>	<b>HOURS</b>
<b>Research Methods Requirements (9 hours)</b>	MTH 1180 OR AJU/PSY/SOC 3025	Elementary Probability & Statistics <b>OR</b> Research Statistics	3
	COM 3700 OR AJU/PSY/SOC 3030	Quantitative Research Methods <b>OR</b> Research Methods	3
	COM 3750	Qualitative Research Methods	3
<b>Three hours selected from</b>	COM 1000 <b>OR</b> THT 2201	Public Speaking <b>OR</b> Voice & Oral Interpretation	3
<b>Nine hours selected from</b>	COM 2050	Introduction to Rhetorical Studies	9
	COM 2100	Introduction to Journalism and Media Writing	
	COM 2200	Media Studies	
	COM 2300	Introduction to Interpersonal Communication	
<b>All Courses Required</b>	COM 3400	Business and Professional Communication	3
	COM 3500	Communication Theory	3
	COM 4100	Practicum in Applied Communication	1
	COM 4500	Rhetorical Criticism	3
	COM 4991	Senior Research Seminar	2
	COM 4992	Senior Capstone	3
<b>12 hours of upper-division electives chosen from this group of courses.</b>	COM 3110 Advanced Print Journalism		12
	COM 3120 Advanced Writing for Radio-TV-Film		
	COM 3210 Introduction to Film Analysis		
	COM 3220 Film and Video Production Techniques		
	COM 3270 Topics in Film History		
	COM 3450 Technical Writing		
	COM 3810 Introduction to Public Relations		
	COM 3850 Principles of Advertising		
	COM 4000 Persuasion		
	COM 4010 Introduction to Sociolinguistics		
	COM 4015 Dialects of the Appalachian Region		
	COM 4250 Newsreal		
	COM 4300 Nonverbal Communication		
	COM 4310 Family Communication		
	COM 4400 Organizational Communication		
	COM 3960/4960 Special Topics in Communication		
	COM 4870/4880 Cooperative Education Project		
	COM 4941 Internship in Communication		
	COM 4970 Independent Study in Communication		
	ENG 3010 Appalachian Prose and Poetry		
PSY 3060 Cultural Diversity			
MKT XXXX Marketing Courses			
THT 3205 Playwriting			
THT 4000 Performance Studies			
<b>TOTAL MAJOR IN COMMUNICATION STUDIES</b>			<b>48</b>

## **MINOR REQUIREMENTS**

Courses must be selected in consultation with the department chair. Students will complete 18 credit hours of COM courses, 12 of which must be in courses at the 3000-level or above. A student may use no more than 3 credit hours of cooperative education, internship or independent study to satisfy requirements for the minor.

## **COURSES IN COMMUNICATION**

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### **COM 1000: Public Speaking (3)**

This course helps students develop the basic skills necessary for speechmaking. Special emphasis is placed on learning how to organize, research, and support arguments; developing critical listening skills; and developing increased confidence and competence in oral presentations.

### **COM 2050: Introduction to Rhetorical Studies (3)**

This course is designed to help students identify, comprehend and use core principles of rhetoric by introducing them to key concepts, including: an overview of the origins of rhetoric, audience, situation, persuasion, organization and style. The course provides a foundational connection between rhetorical theory and connects those theories to contemporary issues and messages relevant to students' lives: public speaking, political discourse and online communication.

### **COM 2100: Introduction to Journalism and Media Writing (3)**

Provides course participants with a solid understanding of how to gather factual material from a wide range of sources and combine it into a clear, coherent, and complete news article. Students learn to report and write hard news stories and several variations thereof. Topics include backgrounding, interviewing, inverted pyramid style, lead construction, headline construction, style and stylebooks, beat reporting, media law, media ethics, and introductory publication design. In addition, students explore differences between print, online, and broadcast journalism and conduct an introductory investigation into non-journalistic forms of media writing for radio, television, and film.

### **COM 2200: Media Studies (3)**

An introductory investigation into the changing media landscape and the implications of these changes ranging from traditional mass communication formats such as print media and radio to new interactive formats such as the Internet and social media. Course participants explore the impact of digital and social media on careers in communication, relationships, and entertainment while learning major theories pertaining to media and society. Course participants will also explore the societal effects of media in various areas such as media ethics, politics, and media literacy.

**COM 2300: Introduction to Interpersonal Communication (3)**

This course provides students with a theory-based examination of one-on-one communication starting with the impact of self-concept and perception through communication in various relationships.

**COM 3110: Advanced Print Journalism (3)** Prerequisite: COM 2100 or permission of instructor

Advanced training in reporting and writing for print media with primary emphases on feature writing, opinion writing, copyediting, and fact-checking for magazines and newspapers. Topics include basic and advanced techniques of feature writing, in-depth personality profiles, essay writing, travel writing, opinion and editorial writing, and advanced reviewing techniques. Course participants also receive advanced training in publication editing and design and conduct a thorough investigation of influences on various types of journalistic message content.

**COM 3120: Advanced Writing for Radio-Television-Film (3)** Prerequisite: COM 2100 or permission of instructor

Advanced training in writing journalistic, documentary, and dramatic creations for radio, television, and film. Early meetings enable course participants to prepare a range of news and nonfiction offerings for radio and television. Later meetings teach students to write a feature-length dramatic screenplay for television or film, from concept generation to step outline, treatment, and their own individual acts. Course participants receive feedback on their efforts from the instructor and their peers at every step along the way. They learn the importance of rewriting, achieve critical understanding of devices used regularly by media professionals, and explore social and ethical responsibilities associated with broadcast media writing in the (post)modern age.

**COM 3210: Introduction to Film Analysis (3)**

This course provides a study of film and its connections to aesthetics, ideology, literature, culture, and the arts. The interdisciplinary nature of film will be particularly explored in its narrative, visual, psychological, and sociological dimensions.

**COM 3220: Film and Video Production Techniques (3)**

This course provides course participants with advanced study of the uses of video as an artistic medium and advanced experience in the preparation, shooting, and editing of video field projects in film style form. Emphasis is placed on effective incorporation and application of technical and theoretical principles, relevant aesthetic and narrative approaches, and traditional storytelling techniques.

**COM 3270: Topics in Film History (3)**

A study of selected topics pertaining to the historical development of film in the United States and around the world. Specific content will vary by semester and may include History of American Film, History of World Film, and/or History of Silent Cinema, among other topics.

**COM 3400: Business and Professional Communication (3)**

Explores techniques of effective written and verbal communication as they pertain to business and professional settings. Working independently and in groups, students will learn to construct informative and persuasive business messages, including written messages (e.g.,

résumés, letters, and press-releases) and oral messages (e.g. interviews and formal presentations).

**COM 3450 Technical Writing (3)** Prerequisite: ENGL 1020 or 1030H

This course provides training in effective writing for business and professional settings. In addition to grammar, style, and editing, students will discuss and practice technical writing forms including (but not limited to) procedural reports, problem analyses, recommendation reports and business proposals.

**COM 3500: Communication Theory (3)** Prerequisite: COM 2300 or permission of instructor

This course provides students with a detailed examination of the theories and rules that govern communication interactions. The course will cover the dominant paradigms that govern the development of communication theory and the most prominent theories in communication research.

**COM 3700: Quantitative Research Methods (3)** Prerequisites: MTH 1180 or AJU/PSY/SOC 3025

This course is designed to introduce students to the study of communication as a social science. After successfully completing the course, a student should understand the process of using systematic scientific inquiry to address questions and issues in communication. Students should have a working knowledge of how to interpret basic statistics before entering this course. The course will serve as the basis for understanding the primary research studies utilized in other communication courses.

**COM 3750: Qualitative Research Methods (3)**

This course familiarizes students with the major methodological approaches to qualitative research (post-positivistic, interpretive, and critical) as well as ethical considerations regarding social research. Methods include: interview, oral history collection, ethnography, content analysis, case study and mixed methods approaches.

**COM 3810: Introduction to Public Relations (3)**

This course introduces student to the nature and practices of public relations. We will examine the role of public relations, relevant public relations theories and concepts, specific activities of public relations professionals and the ethics of public relations and professional development of public relations professionals.

**COM 3850: Principles of Advertising (3)**

This course introduces students to the fundamentals of advertising. We will examine the role of advertising within an integrated marketing communication (IMC) environment, relevant advertising theories and concepts, specific activities of advertising professionals and the ethics of advertising.

**COM 3870, 3880: Cooperative Education Project I (1-6)**

Supervised field experience in journalism, broadcasting, public relations, or advertising. Ordinarily taken in the junior year.

**COM 3960: Special Topics in Communication (3-6)**

**COM 4000: Persuasion (3)**

This course provides students with an advanced examination of the components of effective persuasion. This writing intensive course will examine persuasion in historical, mass media, and interpersonal contexts.

**COM 4010: Introduction to Sociolinguistics (3)**

Students will be able to become familiar with major themes, issues, key concepts, and terminology in this course and be able to apply those in the major; identify the ways in which language influences and is influenced by social identity, social structure, and social interaction; apply an understanding of the power of language in your personal and social life; communicate this understanding to an audience in writing and orally; and to gain experience in designing and conducting qualitative research.

**COM 4015: Dialects of the Appalachian Region (3)**

Tradition, community, and pride are fundamental aspects of the history of Appalachia, and the dialects of the region are living testament to its rich linguistic heritage. Despite unflattering stereotypes and cultural discrimination associated with varieties of Appalachian Englishes, Appalachians continue to speak complex dialects peppered with words, phrases and pronunciations unique to the area and its people. This course examines these distinctive speech varieties, specifically: historical influences, their uses for empowerment and solidarity, intersections with educational standards, and influences in literature. The course emphasizes ways in which the dialects express local history and illustrate shared identities.

**COM 4100: Practicum in Applied Communication (1)**

Supervised practical experience in print or online journalism for The Highland Cavalier, television production work for the campus television station, radio production work for WVTF, or business communication in a service-learning capacity. Students receive grades based on the quantity and quality of their contributions to these publications as well as their ability to consistently meet deadlines.

**COM 4250: Newsreal (3) Prerequisite: ENG 1020**

The objective of the course is to encourage and enable students to consider and analyze the television news media critically and to clearly articulate those considerations and analyses in discussions about the idea of an 'informed citizenry' or 'informed democracy.' The course examines a variety of ways by which news media may be understood, defined, and analyzed. Concurrently those tools are applied to the analysis of news stories as well as the larger fundamental question of whether or not the news media serve to inform our democracy well or not, and why.

**COM 4300: Nonverbal Communication (3)**

This course provides students with an in-depth examination of the study nonverbal communication. From evidence based on systematic study, the course covers the variables involved in nonverbal communication ranging from gestures and facial expression to aesthetics.

**COM 4310: Family Communication (3)**

This course provides an in-depth analysis of the multiple roles communication plays in families. This reading-intensive course focuses on the role of communication from a developmental and systemic perspective in traditional and alternate family forms.

**COM 4400: Organizational Communication (3)**

This application-oriented course provides students with an advanced understanding of the theories, practices, and problems of communication in an organizational environment.

**COM 4500: Rhetorical Criticism (3)** Prerequisite: Junior status

In order to critically evaluate messages (written, oral, or visual), it is essential to have theoretical tools. This course provides students with the theoretical perspectives most utilized in the field of communication including: Classical (ancient rhetoric--Aristotle), New Rhetoric (Stephen Toulmin, Chaim Perelman), the Narrative Paradigm (Walter Fisher), Burkeian theory, ideological approaches, feminist approaches, postmodern approaches, and semantics in visual communication. Students will also be given numerous written and oral opportunities to apply the perspectives learned.

**COM 4941: Internship in Communication (1-6)**

This course offers students a supervised field experience in an area of interest in the field of communication.

**COM 4960: Special Topics in Communication (3-6)**

**COM 4991: Senior Research Seminar (2)**

Students will demonstrate the research, critical thinking, writing, and presentation skills they have developed in their major. Students will work with a faculty mentor to develop topic for original communication research for which they will write a research proposal and orally defend the proposal.

**COM 4992: Senior Capstone (3)** Prerequisite: COM 4991

Students review the major areas of communication taught in the major. Students will examine the factors that link the very diverse field of communication by applying different theories within communication to a common text. In addition, students will either conduct the study proposed in COM 4991 or take a comprehensive essay exam. Both options will conclude with a written and oral presentation of the final product.

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## Council for Accreditation of Educator Preparation (CAEP)

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The Department of Education and the Teacher Education Program earned accreditation from the Council for the Accreditation of Educator Preparation (CAEP), the standards of which are rigorous, nationally recognized and developed to ensure excellence in educator preparation programs. UVA Wise was granted accreditation for the maximum amount of time given, seven years from 2017 to 2024.

CAEP is the sole accrediting body for educator preparation nationally recognized by the Council for Higher Education Accreditation. Accreditation is a nongovernmental activity based on peer review that serves the dual functions of assuring quality and promoting improvement.

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## TEACHER EDUCATION PROGRAM

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**Director:** Andy Cox

The University of Virginia's College at Wise (UVA Wise) Teacher Education Program (TEP) is accredited by the Council for the Accreditation of Education Preparation (CAEP) and is approved by the Virginia Department of Education to offer programs that lead to initial teaching endorsements.

Candidates pursuing programs leading to an initial teacher license level must complete the appropriate curriculum for teacher education, including the general education requirements, requirements for one of the majors offered by the College, specific teaching endorsement requirements, professional studies requirements, and the teaching internship (student teaching).

Candidates planning to teach at the PK–6 level or special education must complete a major in Liberal Arts and Sciences. Those who possess a bachelor's degree from an accredited institution and wish to become eligible for an initial teacher license must complete all requirements for admission to the Teacher Education Program. Students who do not meet all requirements of the State Approved Program at The University of Virginia's College at Wise, including a teaching internship, will fall under the alternate route guidelines of the Virginia Department of Education and additional coursework may be required when seeking licensure.

### **ADMISSION TO THE TEACHER EDUCATION PROGRAM**

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Admission to UVA Wise does not guarantee admission to the Teacher Education Program. Candidates seeking teacher licensure must apply for and be granted admission to the TEP by the Teacher Education Admissions Committee. TEP applications are available online at [my.uvawise.edu](http://my.uvawise.edu).

Candidates are encouraged to apply for entry into the TEP after successfully completing the EDU 2510 class. Candidates who have completed 30 or more semester hours of coursework and students who have already completed a baccalaureate degree from a regionally accredited college or university and wish to be admitted to the TEP should apply immediately after their admission to UVA Wise; candidates holding a degree must complete all requirements for admission to the TEP by the conclusion of their second semester enrolled at the college.

All candidates admitted to the TEP are required to complete at least six semester hours on campus. Distance education students through the Center for Teaching Excellence who pursue education coursework without seeking admission to the TEP cannot be verified as program completers in their respective endorsement areas. Those students who have a grade point average of 2.5 (or higher) and a four-year college or university degree and have not been admitted to the TEP may be permitted to take courses requiring TEP admission.

**Entry requirements for the TEP are as follows:**

1. Admission to The University of Virginia's College at Wise;
2. Completion of at least **30 semester hours** of academic credit from an accredited college or university;
3. A cumulative **grade point average of 2.5** or better for all coursework completed at UVA Wise and an overall cumulative grade point average of 2.5 or better from all colleges and universities attended;
4. **Recommendations** from:
  - a. The Chair of their major academic department at UVA Wise,
  - b. The Dean of Students,
  - c. Four college instructors (including at least three members of the UVA Wise faculty) who have observed and assessed the candidate's performance as a student;
5. **Completion of EDU 2510**, Foundations of Education and the Teaching Profession, with a recorded grade of "C-" or better; and
6. **Passing scores on the VCLA and the PRAXIS Core Math Assessment.**
  - a. VCLA-Candidates are required reach a composite score of 470 on the VCLA. If a candidate's combined score is lower than 470, he/she must retake all or part of the VCLA. If the composite score is 470 or above and the score on the writing section was below 235, candidates have the option to complete a writing prompt on campus. A passing score on the writing prompt can be substituted for a failing VCLA writing score. There is no substitute for a failing score on the VCLA reading section.
  - b. PRAXIS Core Math Assessment-Candidates are required to take the PRAXIS Core Math Assessment or substitute the math assessment with a qualifying score on the SAT/ACT. Students who have taken the SAT/ACT and achieved a minimum score in the math section are not required to take the PRAXIS Core Math Assessment. Exemption scores for the PRAXIS Core Math are:



SAT before April 1, 1995 with a minimum score of 510 in math
SAT after April 1, 1995 and before March 2016 with a minimum score of 530 in math
SAT after March 1, 2016 with a minimum score of 560 in math
ACT before April 1, 1995 with a minimum score of 21 in math
ACT after April 1, 1995 with a minimum score of 22 in math

Candidates who fail the PRAXIS Core Math Assessment have the option to take EDU 3020 and will meet the PRAXIS Core Math Assessment with the completed summative test.

- Candidates are required to pass an **interview** with the TEP Admissions Committee. The Teacher Education Admissions Committee will interview those candidates who have been identified as eligible for admission. Interviews are held in September, October, November, February, March, and April each year. Candidates can request interviews using the online TEP application found at [my.uvawise.edu](http://my.uvawise.edu). If candidates do not reach a passing score on the interview, they can request a second interview through the Director of Teacher Education. Candidates who fail the second interview are required to meet with the Director of Teacher Education to seek clearance to write a formal request to the Teacher Education Admissions Committee for permission to conduct a third interview. If the Teacher Education Admissions Committee grants permission for a third interview, then the candidate may interview with the Committee again. Candidates who fail the interview after the third attempt will not be eligible for admittance into the TEP.

## EXPECTATIONS FOR STUDENTS REGARDING PROFESSIONAL DISPOSITIONS

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Candidates enrolled in the TEP are working toward teaching endorsements and careers in public education. Consequently, all teaching faculty are charged with the responsibility of evaluating not only the academic achievement of these students but also their “professional dispositions” for teaching. These dispositions are often defined as patterns of behavior and habitual tendencies that impact students, colleagues, and the school environment in general.

Specifically, these behaviors have been shown to directly affect P-12 student learning, motivation, and development. Of particular concern to the Virginia Department of Education are teacher candidates who exhibit such problematic behaviors as excessive absences, excessive tardiness, lack of preparation for class, lack of concern for completing assignments or for completing assignments on time, lack of tolerance for others and others’ ideas, or lack of respect for diversity. A demonstration of any of the negative dispositions described above by candidates seeking TEP admission or admitted candidates will be taken into account during the application process and the candidate’s progression through the program.

When applicable, the teaching faculty will document negative dispositions through the completion of a Dispositions Report. The Director of Teacher Education will contact and discuss the report with the candidate. The director will advise the candidate of the risk of denial of admission to or if already admitted, withdrawal from the TEP if the candidate does not demonstrate improvement in the noted area(s). A total of two reports from two or more

instructors will constitute a pattern of such behaviors and will provide the basis for denial of admittance or removal from the TEP.

\* Candidates with identified disabilities, who may need additional time to achieve passing scores on the PRAXIS I math and the VCLA, are eligible to apply for probationary admission to the Teacher Education Program. All candidates must be fully admitted to the Teacher Education Program to be eligible to enroll in Intern Teaching.

## **ADMISSION TO THE TEACHING INTERNSHIP**

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Admission to TEP does not guarantee admission to the Teaching Internship. Candidates who are enrolled in the TEP will be permitted to enroll in the teaching internship course after meeting the following requirements:

1. Full admission to UVA Wise TEP;
2. A cumulative grade point average of 2.5 or higher in all coursework completed at UVA Wise and an overall cumulative grade point average of 2.5 or higher from all colleges and universities attended;
3. A 3.0 or higher in major coursework for endorsements in 6-12 English, Foreign Language, Theatre, and History;
4. Satisfactory completion of the professional education courses which are requirements for the prerequisite to the teaching internship;
5. Satisfactory completion of at least six semester hours of coursework on the main campus at UVA Wise;
6. Completion of all liberal arts core requirements prescribed by UVA Wise;
7. Demonstration of interpersonal skills required to establish and maintain successful professional relationships with the students, parents, teachers, and supervisors in the school community;
8. A grade of "C-" or higher in all professional education courses;
9. Passing scores for the appropriate assessments (PRAXIS Subject Assessment, the VCLA, and the RVE). If candidates are planning to intern in the fall semester, assessments must be passed by June 1. If candidates are planning to intern in the spring semester, assessments must be passed by November 1;
10. Completion of and/or passing scores on, the following before beginning the internship:
  - a. Background Check (completed at school district of internship),
  - b. Finger Printing (completed at school district of internship),
  - c. Tort insurance through the VEA Behavior Intervention and Support via (online training),
  - d. Child Abuse and Neglect Recognition and Intervention Training (online training),
  - e. Dyslexia Awareness Training (online training),
  - f. Tuberculosis Skin Test within one year of beginning internship (College Nurse or Family Practitioner), and
  - g. Emergency First Aid, CPR, & AED Certification or training.

Upon successful completion of the teaching internship and all other requirements for the degree and teaching license, candidates are advised to complete an application for a teaching

license. The licensure application, when completed, must be returned to the Director of Teacher Education for submission to the Virginia Department of Education.

### **INTERNSHIP PLACEMENTS**

The Coordinator of Intern Placements will request internship placements with local school administrators. Candidates will be placed within the following school districts: Wise, Scott, Russell, Tazewell, Washington, Smyth, Dickenson, Lee, Buchanan, Bristol City, and Norton City Schools. Generally, interns are placed within a 45-mile radius of UVA Wise. Interns are responsible for their transportation during the internship.

### **APPEAL**

A student who is denied admission to the Teacher Education Program or whose full admission status has been rescinded by the Teacher Education Admissions Committee may submit a written appeal to the Provost.

### **NON-DEGREE STATUS STUDENTS SEEKING LICENSURE**

Candidates who have a Bachelor’s Degree and who are seeking an initial license to teach may apply for admission to the TEP. Candidates entering this program must have a degree from a regionally accredited college or university and be admitted as a non-degree status student. Non-degree status students must complete the professional studies requirements, including admission to the TEP, Intern Teaching, and required assessments. Candidates who do not have a degree in the area of intended endorsement may need to take additional academic coursework to meet the Virginia licensure requirements. An advisor in the Education Department will meet with prospective students to evaluate their coursework and to determine any additional required courses.

### **TEACHING ENDORSEMENT AREAS**

Career and Technical Education -- Business and Information Technology	6-12
Driver Education (add-on endorsement)	6-12
Elementary Education	Pre-K-6
Engineering	6-12
English	6-12
Foreign Language (French, Spanish)	Pre-K-12
Health and Physical Education	Pre-K-12
History and Social Science	6-12
Library Media	Pre-K-12
Mathematics	6-12
Mathematics - Algebra I (add-on endorsement)	6-12
Music Education - Instrumental	Pre-K-12
Music Education - Vocal/Choral	Pre-K-12
Science – Biology or Chemistry or Earth Science (add on)	6-12
Special Education-General Curriculum	K-12

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## DEPARTMENT OF EDUCATION

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**Degree:** Bachelor of Arts in Liberal Arts and Sciences

**Majors:** Liberal Arts and Sciences, Health and Physical Education, Sport Management, Health and Wellness, and Exercise Science

**Chair:** Andy Cox

**Education Faculty:** Priscilla Brame, R. Jeffrey Cantrell, Elizabeth Dotson-Shupe, Ricky Mullins, Cody Sanders, Ray Schweighardt, Yanhua "Eddie" Shen, Matthew Williams

**Director of Teacher Education:** Andy Cox

**Director of Reading Clinic:** Jeff Cantrell

The University of Virginia's College at Wise is a Virginia Board of Education approved program to offer initial teaching endorsements at the elementary and secondary levels. A complete listing of the licensure areas available may be found on the preceding page.

Candidates enrolled at UVA Wise who elect to meet requirements for teacher licensure must be admitted to the Teacher Education Program and must complete the appropriate program of study. Candidates should contact the Director of Teacher Education for assistance in determining their appropriate program. Candidates are advised to contact their academic department concerning departmental regulations relative to teacher education. Candidates seeking a teaching endorsement in PK-6 or Special Education will major in Liberal Arts and Science. Candidates should consult with the Chair of the Department of Education for an academic advisor within the Education Department.

### **BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES (LICENSURE) REQUIREMENTS**

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#### ***ELEMENTARY EDUCATION PK-6***

The major is designed for candidates seeking an elementary education endorsement to teach at the PK-6 level.

Candidates are required to complete the following:

- 74-75 semester hour core requirements
- At least one concentration selected from general language and literature, general mathematics, general science, history/social science
- The professional education component

The core requirements for this program also satisfy the general education requirements described previously.

The Department of Education is supported in the administration of the Liberal Arts and Sciences major by the chairs of the Departments of Language and Literature, History and Philosophy,

Mathematics and Computer Science, Natural Sciences, Social Sciences, and Visual and Performing Arts.

<b>Core Requirements Liberal Arts &amp; Sciences (PK-6)</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
The completion of the following core requirements will satisfy the liberal arts core of general education.		
ENG 1010	Composition I	3
ENG 1020	Composition II	3
ENG 3000	Introduction to Literature (chosen from ENG 2120 through 3280)	3
COM 1000	Public Speaking	3
EDU 3470	Exploring the Language Arts through Children's Literature	3
CSC 1100	Computer Literacy	3
HIS 1010	Western Civilization I	3
HIS 1020	Western Civilization II	3
HIS 1070	American History I	3
MTH 1010	College Algebra (may sub with Pre-Cal I or II)	3
MTH 1180	Elementary Probability and Statistics	3
MTH 2010	Euclidean Geometry	3
MTH 2020	Problem Solving	3
MTH 2025	Methods for Teaching Mathematics	1
SCI 3000	Intro to Science Education PreK-6	2
SCI 3010	Physical Science PreK-6	4
SCI 3020	Earth & Space Science PreK-6	4
SCI 3030	Life Science PreK-6	4
Foreign Language*	FRE 1010 and FRE 1020 <b>OR</b> GER 1010 and GER 1020 <b>OR</b> SPA 1010 and SPA 1020	6
ART XXXX	Art, Music, or Theater	3
ECO 2550	Economics (may sub with ECO 1050)	3
GEO 2020	Cultural Geography	3
POL 1010	American National Politics and Political Institutions	3
PED 1900	Physical Education Activity Course	1
SEM 1010	Freshman Seminar I	1
SEM 1020	Freshman Seminar II (may be waived if student maintains Good Academic Standing after SEM 1010)	1
<b>TOTAL</b>		<b>75-78</b>

\*Exemption from this requirement may be made by demonstrating on a placement test a proficiency equivalent to one year of college language study and/or by successful completion of a foreign language numbered 1030.

**Concentration Areas – Students must choose and complete at least one of the four areas below.**

<b>LANGUAGE AND LITERATURE CONCENTRATION</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
ENG 3000	Introduction to Literature	3
ENG 3050	The Western Literary Tradition I (Will satisfy literature course in core.)	3
ENG 3270	Survey of British Literature I	3
EDU 3400	Young Adult Literature	3
ENG 3410	Introduction to English Linguistics	3
ENG 3420	History of English Language	3
ENG 3430	Teaching Writing (may sub with EDU 3590)	3
CHOOSE ONE	ENG 3280 Survey of British Literature II ENG 3810 Survey of American Prose and Poetry I	3
<b>TOTAL</b>		<b>24</b>

<b>MATHEMATICS CONCENTRATION</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
MTH 1180	Elementary Probability and Statistics	3
MTH 1210	Pre-Calculus II	3
MTH 3030	Introduction to Linear Algebra with Applications	3
MTH 3050	History of Mathematics for Teachers	3
MTH 2040	Calculus I	4
ELECTIVE COURSE GROUP -- CHOOSE TWO	MTH 2050 Calculus II MTH 3060 Calculus III MTH 3100 Introduction to Mathematical Proofs	6-8
For Algebra I endorsement only- choose 1	CSC 11010 Introduction to Programming in Python CSC 1180 Fundamentals Computer Programming C++ CSC 3300 Fundamentals of Computer Science	3-4
<b>TOTAL</b>		<b>24-28</b>

<b>GENERAL SCIENCE CONCENTRATION</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
PHY 1000	Introduction to Astronomy I	3
PHY 1001	Introduction to Astronomy Lab I	1
BIO 1010	Principles of Biology	3
BIO 1011	Principles of Biology Lab	1
CHM 1010	College Chemistry I	3
CHM 1011	College Chemistry I Lab	1
GLG 1010	Physical Geology	4

PHY 1010	Introduction to Physics I	4
PHY 1011	General Physics Lab I	1
<b>TOTAL</b>	*(Will satisfy natural science in the core.)	<b>21</b>

<b>HISTORY/SOCIAL SCIENCE CONCENTRATION</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>HOURS</b>
HIS 1070	American History I	3
HIS 1080	American History II	3
HIS 3630	History of Virginia	3
CROSS-CULTURAL COURSE GROUP-- CHOOSE ONE	HIS 3120, 3160, 3170, 3230, 3260, 3300, 3320, 3351, 3355 <b>or</b> 3380	3
POLITICAL SCIENCE COURSE GROUP-- CHOOSE TWO	POL 3050, 3060, 3220, 3610 <b>or</b> 3810	6
SELECTION FROM HIS, POL, PSY or SOC – CHOOSE ONE	POL 3XXX, HIS 3XXX, PSY 3XXX <b>or</b> SOC 3XXX	3
<b>TOTAL</b>		<b>21</b>

### **PROFESSIONAL EDUCATION**

The following professional education component must be completed by all students earning a degree in Liberal Arts and Sciences and seeking a license in Elementary Education PK-6.

<b>PROFESSIONAL EDUCATION COURSES FOR ELEMENTARY EDUCATION PK-6</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
EDU 2510	Foundations of Education and the Teaching Profession (prerequisite for all education courses)	3
EDU 3300	Educational Technology	3
EDU 3450	Foundations of Reading Instruction	3
EDU 3600	Human Growth and Development	3
EDU 3690	Inclusion of Exceptional Children in the Regular Classroom	3
EDU 4080	Classroom Management and Discipline	3
EDU 4090	Foundations of Assessment	1
EDU 4100	Diagnosis and Correction of Reading Problems	3
EDU 4460	Organizational and Instructional Procedures for Pre-K–6	3
EDU 4945	Teaching Internship: Elementary Education, Pre-K–6	12
<b>TOTAL</b>	*(Will satisfy history requirement in the core.)	<b>37</b>

<b><i>Suggested Schedule for Liberal and Arts and Sciences Major: Elementary Education</i></b>			
<b>First Year: Fall (16 Hours)</b>		<b>Spring (17 Hours)</b>	
ENG 1010	3	ENG 1020	3
MTH 1010	3	MTH 1180	3
Foreign Language I	3	Foreign Language II	3
SEM 1010	1	COM 1000	3
Art/Music/Theater	3	PED 1900	1
HIS 1010	3	HIS 1020	3
		SEM 1020 (unless waived)	1
<b>Second Year: Fall (16 Hours)</b>		<b>Spring (16 Hours)</b>	
EDU 2510	2	EDU 3690	3
Literature	3	GEO 2020	3
CSC 1100	3	MTH 2010	3
SCI 3000	2	SCI 3010	4
HIS 1070	3	Concentration	3
Concentration	3		
<b>Third Year: Fall (15 Hours)</b>		<b>Spring (16 Hours)</b>	
EDU 3470	3	EDU 3450	3
EDU 3600	3	SCI 3030	4
EDU 3020	3	ECO 2550	3
MTH 2020	3	Concentration	3
Concentration	3	Concentration	3
<b>Fourth Year: Fall (16 Hours)</b>		<b>Spring (13 Hours)</b>	
EDU 4100	3	EDU 4945	12
EDU 4460	3	EDU 4090	1
EDU 4080	3		
MTH 2025	1		
Concentration	3		
Concentration	3		
<b>TOTAL</b>	Concentration hours may vary.		<b>125</b>



## BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES (LICENSURE) REQUIREMENTS

### ***SPECIAL EDUCATION K-12***

Students wishing to obtain initial licensure and endorsement (K-12) in Special Education General Curriculum must complete the requirements for the Liberal Arts and Science Degree Program, including their choice of concentration and the professional studies requirements for special education certification.

<b>CORE REQUIREMENTS LIBERAL ARTS &amp; SCIENCES</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
The completion of the following core requirements will satisfy the liberal arts core of general education.		
ENG 1010	Composition I	3
ENG 1020	Composition II	3
ENG XXXX	Literature (chosen from ENG 2120 through 3280) or literature courses taught by foreign language faculty. Non-literature courses will not satisfy this requirement.	3
COM 1000	Public Speaking	3
EDU 3470	Exploring the Language Arts through Children's Literature	3
CSC 1100	Computer Literacy	3
HIS 1010	Western Civilization I	3
HIS 1020	Western Civilization II	3
HIS 1070	American History I	3
MTH 1010	College Algebra (may sub with Pre-Cal I or II)	3
MTH 1180	Elementary Probability and Statistics	3
MTH 2010	Euclidean Geometry	3
MTH 2020	Problem Solving	3
MTH 2025	Methods for Teaching Mathematics	1
SCI 3000	Intro to Science Education	2
SCI 3010	Physical Science	4
SCI 3020	Earth & Space Science	4
SCI 3030	Life Science	4
Foreign Language*	FRE 1010 and FRE 1020 <b>OR</b> GER 1010 and GER 1020 <b>OR</b> SPA 1010 and SPA 1020	6
ART XXXX	ART, Music, or Theater	3
ECO 2550	Economic (may sub with ECO 1050)	3
GEO 2020	Cultural Geography	3
POL 1010	American National Politics and Political Institutions	3
PED 1900	Physical Education Activity Course	1

SEM 1010	Freshman Seminar I	1
SEM 1020	Freshman Seminar II (may be waived if student maintains Good Academic Standing after SEM 1010)	1
<b>TOTAL</b>		<b>75-78</b>

\*Exemption from this requirement may be made by demonstrating on a placement test a proficiency equivalent to one year of college language study and/or by successful completion of a foreign language numbered 1030.

**Concentration Areas – Students must choose and complete at least one of the four areas below.**

<b>LANGUAGE AND LITERATURE CONCENTRATION</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
ENG 3000	Introduction to Literature	3
ENG 3050	The Western Literary Tradition I (Will satisfy literature course in core.)	3
ENG 3270	Survey of British Literature I	3
EDU 3400	Young Adult Literature	3
ENG 3410	Introduction to English Linguistics	3
ENG 3420	History of English Language	3
ENG 3430	Teaching Writing (may sub with EDU 3590)	3
CHOOSE ONE	ENG 3280 Survey of British Literature II ENG 3810 Survey of American Prose and Poetry I	3
<b>TOTAL</b>		<b>24</b>

<b>MATHEMATICS CONCENTRATION</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
MTH 1180	Elementary Probability and Statistics	3
MTH 1210	Pre-Calculus II	3
MTH 3030	Introduction to Linear Algebra with Applications	3
MTH 3050	History of Mathematics for Teachers	3
MTH 2040	Calculus I	4
ELECTIVE COURSE GROUP -- CHOOSE TWO	MTH 2050 Calculus II MTH 3060 Calculus III MTH 3100 Introduction to Mathematical Proofs	7-8
For the Algebra I endorsement only- choose 1	CSC 11010 Introduction to Programming in Python CSC 1180 Fundamentals Computer Programming C++ CSC 3300 Fundamentals of Computer Science	3-4
<b>TOTAL</b>		<b>24-28</b>

<b>GENERAL SCIENCE CONCENTRATION</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
PHY 1000	Introduction to Astronomy I	3
PHY 1001	Introduction to Astronomy Lab I	1
BIO 1010	Principles of Biology	3
BIO 1011	Principles of Biology Lab	1
CHM 1010	College Chemistry I	3
CHM 1011	College Chemistry I Lab	1
GLG 1010	Physical Geology	4
PHY 1010	Introduction to Physics I	4
PHY 1011	General Physics Lab I	1
<b>TOTAL</b>	*(Will satisfy natural science in the core.)	<b>21</b>

<b>HISTORY/SOCIAL SCIENCE CONCENTRATION</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>HOURS</b>
HIS 1070	American History I	3
HIS 1080	American History II	3
HIS 3630	History of Virginia	3
CROSS-CULTURAL COURSE GROUP-- CHOOSE ONE	HIS 3120, 3160, 3170, 3230, 3260, 3300, 3320, 3351, 3355 <b>or</b> 3380	3
POLITICAL SCIENCE COURSE GROUP-- CHOOSE TWO	POL 3050, 3060, 3220, 3610 <b>or</b> 3810	6
SELECTION FROM HIS, POL, PSY or SOC – CHOOSE ONE	POL 3XXX, HIS 3XXX, PSY 3XXX <b>or</b> SOC 3XXX	3
<b>TOTAL</b>		<b>21</b>

<b>SPECIAL EDUCATION LICENSURE PROGRAM K-12</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
EDU 2510	Foundations of Education and the Teaching Profession (prerequisite for all education courses)	3
EDU 3450	Foundations of Reading Instruction	3
EDU/PSY 3600	Human Growth and Development	3
EDU 3680	Characteristics of Cognitive Disabilities	4
EDU 3690	Inclusion of Exceptional Children in the Regular Classroom	3
EDU 3750	Psychoeducational Diagnosis	3

EDU 3810	Diagnostic-Remedial Instruction for Students with Learning and Behavioral Problems: Elementary Level	3
EDU 3820	Diagnostic-Remedial Instruction for Students with Learning and Behavioral Problems: Secondary Level	3
EDU 4080	Classroom Management and Discipline	3
EDU/PSY 3600	Human Growth and Development for Education Majors	3
PSY 3790	Characteristics of the Behaviorally Disordered	3
EDU 4943	Teaching Internship in PK-12	12
<b>SPECIAL EDUCATION</b>		<b>46</b>

<b>Suggested Schedule for Liberal and Arts and Science Degree: Special Education General Curriculum</b>			
<b>First Year: Fall (17 Hours)</b>		<b>Spring (18-19 Hours)</b>	
ENG 1010	3	ENG 1020	3
MTH 1010	3	MTH 1180	3
Foreign Language I	3	Foreign Language II	3
SEM 1010	1	COM 1000	3
Art/Music/Theater	3	Concentration	3
HIS 1010	3	HIS 1020	3
PED 1900	1	SEM 1020 (unless waived)	1
<b>Second Year: Fall (17 Hours)</b>		<b>Spring (19 Hours)</b>	
EDU 2510	2	EDU/PSY 3600	3
Literature	3	EDU 3470	3
EDU 3690	3	MTH 2010	3
SCI 3000	2	SCI 3010	4
HIS 1070	3	PSY 3790	3
CSC 1100	4	Concentration	3
<b>Third Year: Fall (19 Hours)</b>		<b>Spring (19 Hours)</b>	
EDU 3810	3	EDU 3820	3
EDU 3680	3	SCI 3030	4
SCI 3020	4	ECO 2550 or ECO 1050	3
EDU 3450	3	EDU 3680	3
MTH 2020	3	Concentration	3
Concentration	3	Concentration	3
<b>Fourth Year: Fall (13 Hours)</b>		<b>Spring (12 Hours)</b>	
EDU 3750	3	EDU 4943	12
GEO 2020	3		
Concentration	3		
MTH 2025	1		
EDU 4080	3		
<b>TOTAL</b>	Concentration hours may vary.		<b>122-123</b>

## ***SPECIAL EDUCATION DUAL LICENSURE***

Students seeking endorsement in Special Education while completing endorsement in an additional teaching area must complete all requirements for initial licensure **and** complete EDU 4942: a 6 credit hour Dual Endorsement Internship for Special Education; all professional studies requirements; and required assessments for the additional teaching area. Students must complete the required teaching internship and the Dual Endorsement Practicum for Special Education in separate semesters. Under the direction of cooperating teachers and college supervisors, students assume part-time teaching responsibilities in public school classrooms that include students with special needs for one semester. Demonstration of academic and pedagogical knowledge and skills are required.

## **STUDENTS SEEKING TO COMPLETE MORE THAN ONE KINESIOLOGY MAJOR**

Students in a kinesiology-related major (Health & Physical Education Teacher Licensure, Sport Management, Exercise Science, Health & Wellness) may complete an additional kinesiology-related major by meeting all requirements for both majors. However, internship hours will be adjusted for students who dual major. A teacher licensure candidate who is dual majoring must complete a 12-credit-hour teaching internship and a 6-credit-hour non-teaching internship. Other students who are dual majoring will complete a 6-credit-hour internship in both areas rather than the standard 9-credit-hour internships. Courses may be substituted with permission from the Department of Education. Students who choose to double-major cannot also minor in a kinesiology-related field. The chart below lists dual major options with total credit hours to be completed.

<b>Dual Majors</b>	<b>Liberal Arts Core Credits</b>	<b>Overlap Credits</b>	<b>Credits Distinct to 1<sup>st</sup> Major</b>	<b>1<sup>st</sup> Major Internship</b>	<b>Credits Distinct to 2<sup>nd</sup> Major</b>	<b>2<sup>nd</sup> Major Internship</b>	<b>Total Credit Hours</b>
Exercise Science + Health & Wellness	52	41	18	6	18	6	141
Exercise Science + PE Teacher Licensure	52	31	25	12	28	6	154
Exercise Science + Sport Management	52	29	33	6	30	6	156
Health & Wellness + Sport Management	52	41	17	6	21	6	143

Health & Wellness + PE Teacher Licensure	52	37	19	12	22	6	148
PE Teacher Licensure + Sport Management	52	19	40	12	40	6	169

Students majoring outside of the Department of Education may complete a kinesiology-related second major by meeting all of the requirements, including a full 9- or 12-credit-hour internship.

## **BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES**

### ***HEALTH AND PHYSICAL EDUCATION, PRE-K-12, TEACHER LICENSURE***

The major is designed for students seeking careers in health and physical education who will apply for a Virginia teaching endorsement. Students must be admitted to the Teacher Education Program and pass all state or College mandated tests. All health and physical education teacher licensure majors are required to complete the 51-53 credit hours of Liberal Arts Core requirements in addition to all requirements in the major. A minimum grade of C- is required for all major courses. PSY 1100 and MTH 1010 are required Liberal Arts Core courses for this major. Students may choose BIO 1010/1011, BIO 1020/1021, CHM 1010/1011, or CHM 1020/1021 to fulfill the eight required credits of Liberal Arts Natural Science.

<b>HEALTH AND PHYSICAL EDUCATION MAJOR – PRE-K-12 TEACHER LICENSURE</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>REQUIRED COURSES</b>		
HED 2230	Personal and Community Health (fall, spring, summer)	3
HED 2250	Nutrition (spring)	3
PED 2080	Lifetime Physical Fitness and Wellness (fall, spring)	3
PED 3000	CPR, AED and First Aid Training (fall, spring)	1
PED 3120	Teaching Team and Individual Sports (spring)	3
PED 3510	Applied Assessment in Kinesiology (fall, spring)	3
PED 4110	Organization & Administration in Kinesiology (fall, spring)	3
EDU 2510	Foundations of Education and the Teaching Profession (fall, spring)	3
EDU 3580	Reading and Language Arts in the Content Areas, 6-12 (fall, spring)	3
EDU 3690	Inclusion of Exceptional Children in the Regular Classroom (fall, spring)	3
EDU 4080	Classroom Management and Discipline (fall, spring)	3
EDU 4090	Foundations of Assessment (fall, spring)	1
PED 3110	Motor Learning (fall, spring)	3
PED 3200	Methods of Teaching Primary Physical Activities (spring, even years)	3
PED 3500	Human Anatomy for Kinesiology (fall, spring)	3

PED 3600	Exercise Physiology (fall, spring)	3
PED 3650	Biomechanics (spring)	3
PED 4000	Physical Activities for Special Populations (spring, even years)	3
PED 4720	Methods of Teaching Secondary Physical Activities (fall, odd years)	3
PSY 3600	Human Growth and Development for Education Majors (spring)	3
HED 4710	Methods of Teaching Health (fall, even years)	3
EDU 4943	Teaching Internship in Physical Education (fall, spring)	12
<b>TOTAL LIBERAL ARTS CORE</b>		<b>51-53</b>
<b>TOTAL HEALTH AND PHYSICAL EDUCATION TEACHER LICENSURE MAJOR</b>		<b>71</b>
<b>TOTAL BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES DEGREE, MAJOR IN PHYSICAL EDUCATION, TEACHING LICENSURE</b>		<b>122-124</b>

<b><i>Suggested Schedule</i></b>			
<b><i>Health and Physical Education Teacher Licensure</i></b>			
<b>First Year: Fall (14 Hours)</b>		<b>Spring (14 Hours)</b>	
ENG 1010	3	ENG 1020	3
MTH 1010	3	MTH 1050 or MTH 1180	3
Foreign Language I	3	Foreign Language II	3
SEM 1010	1	HED 2250	3
HED 2230	3	EDU 2510	2
PED 1900	1		
<b>Second Year: Fall (16 Hours)</b>		<b>Spring (16 Hours)</b>	
Take Praxis I -- Math		TAKE VCLA; APPLY TEP	
ENG 3XXX (Literature)	3	HUM XXXX	3
CHM or BIO 1010 & Lab	4	CHM or BIO 1020 & Lab	4
ART/MUS/THT XXXX	3	PED 3120	3
PED 2080	3	PED 3200 (even year) or PED 3580	3
PSY 1100	3	PED 4000 (even year) or PED 3600	3
<b>Third Year: Fall (15 Hours)</b>		<b>Spring (16 Hours)</b>	
HIS 1010 (western heritage, first half)	3	HIS 1020 (western heritage, second half)	3
POL 1010 (social science)	3	ECO 2550 (social science)	3
PED 3110	3	PSY 3600	3
PED 3500	3	PED 3650	3
PED 4720 (odd year) or PED 4710 (even year)	3	PED 3200 (even year) or EDU 3580	3
		PED 4000 (even year) or PED 3600	3
<b>Fourth Year: Fall (16 Hours)</b>		<b>Spring (13 Hours)</b>	
EDU 3690	3	EDU 4943	12

EDU 4080	3	EDU 4090	1
PED 3000	1		
PED 3510	3		
PED 4110	3		
PED 4720 (odd year) or HED 4710 (even year)	3		
<b>TOTAL</b>			<b>122</b>

## BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES

### **SPORT MANAGEMENT MAJOR**

The major is designed for students seeking careers in special events promotion and management, sports marketing, budgeting and personnel in the college, semi-professional and professional sports, and for those students interested in further graduate study. A minimum grade of C- is required for all major courses. PSY 1100 and MTH 1010 are required Liberal Arts Core courses for this major. Students may choose BIO 1010/1011, BIO 1020/1021, CHM 1010/1011, or CHM 1020/1021 to fulfill the eight required credits of Liberal Arts Natural Science.

<b>SPORT MANAGEMENT MAJOR</b>		
<b>COURSE</b>	<b>TITLE</b>	<b>CREDITS</b>
<b>REQUIRED COURSES</b>		
HED 2230	Personal and Community Health (fall, spring, summer)	3
PED 2080	Lifetime Physical Fitness and Wellness (fall, spring)	3
PED 3000	CPR, AED, and First Aid Training (fall, spring)	1
PED 3120	Teaching Team and Individual Sports (spring)	3
PED 3510	Applied Assessment in Kinesiology (fall, spring)	3
PED 4110	Organization & Administration in Kinesiology (fall, spring)	3
PED 1900	Two basic skills physical activity courses (fall, spring)	2
PED 2450	Sports Marketing (fall)	3
PED 3250	Introduction to Sport Management (fall, spring)	2
PED 3300	Coaching Methodology (fall)	3
PED 3410	Sport in Society (fall)	3
PED 3430	Sport Ethics (fall, spring)	3
PED 3440	Event and Facility Management (spring)	3
PED 3470	Sports Law (fall)	3
PED 3480	Sport Finance (spring)	3
PED 3490	Governance in Sport (spring)	3
PED 3700	Exercise Sport Psychology (spring)	3
PED 3XXX	Any PED course numbered 3000-level or higher (fall or spring)	3



COM XXXX COM XXXX COM XXXX	Choose any three Communication courses offered in fall, spring, or summer.	9
PED 4940	Sport Management Internship (fall, spring, summer)	9
<b>TOTAL LIBERAL ARTS CORE</b>		<b>51-53</b>
<b>TOTAL SPORT MANAGEMENT MAJOR</b>		<b>68</b>
<b>TOTAL MAJOR IN SPORTS MANAGEMENT</b>		<b>119-121</b>

<b><i>Suggested Schedule Sport Management Major</i></b>			
<b>First Year: Fall (14 Hours)</b>		<b>Spring (15 Hours)</b>	
ENG 1010	3	ENG 1020	3
MTH 1010	3	MTH 1050 or 1180	3
Foreign Language I	3	Foreign Language II	3
SEM 1010	1	PED 2080	3
HED 2230	3	PED 1900	1
PED 1900	1	PED 3250	2
<b>Second Year: Fall (16 Hours)</b>		<b>Spring (16 Hours)</b>	
CHM/BIO 1010 & Lab	4	CHM/BIO 1020 & Lab	4
ART/MUS/THT XXXX	3	COM XXXX (any COM course)	3
ENG 3XXX (literature)	3	HUM XXXX (humanities)	3
PED 2450	3	SOC 1100 (social science)	3
PSY 1100 (social science)	3	PED 3120	3
<b>Third Year: Fall (16 Hours)</b>		<b>Spring (15 Hours)</b>	
COM XXXX (any COM course)	3	COM XXXX (any COM course)	3
HIS 1010 (western heritage, first half)	3	HIS 1020 (western heritage, second half)	3
PED 1900	1	ECO 1050 (social science)	3
PED 3300	3	PED 3430	3
PED 3470	3	PED 3700	3
PED 3XXX (upper level PED)	3		
<b>Fourth Year: Fall (13 Hours)</b>		<b>Spring (15 Hours)</b>	
PED 3000	1	PED 4940 (OR SUMMER)	9
PED 3410	3	PED 3480	3
PED 3440	3	PED 3490	3
PED 3510	3		
PED 4110	3		
<b>TOTAL</b>			<b>120</b>
<i>This suggested schedule has specific courses listed as examples. Check with your advisor for Liberal Arts Core options or refer to the Liberal Arts Core area of this catalog.</i>			

**SPORT MANAGEMENT MINOR**

<b>SPORT MANAGEMENT MINOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
PED 3410	Sport in Society (fall)	3
PED 3470	Sports Law (fall)	3
PED 3480	Sport Finance (spring)	3
Three elective courses (9 hours) chosen from HED 2230, HED 2250, PED 2080, PED 3300, PED 3400, PED 3430, PED 3490, PED 3700, and PED 4110		9
<b>TOTAL</b>		<b>18</b>

**BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES****EXERCISE SCIENCE MAJOR**

The major is designed for students seeking careers in personal training, strength and conditioning, sports-based rehabilitation, non-profit and community settings, and clinical research, and for those students interested in post-graduate study. A minimum grade of C- is required for all major courses. PSY 1100, BIO 1010/1011, BIO 1020/1021, and MTH 1210 are required Liberal Arts Core courses for this major. The addition of MTH 1180 may be suggested, as some graduate programs require three credit hours of statistics.

<b>EXERCISE SCIENCE MAJOR</b>		
<b>COURSE</b>	<b>TITLE</b>	<b>CREDITS</b>
<b>REQUIRED CORE COURSES</b>		
HED 2230	Personal and Community Health (fall, spring, summer)	3
HED 2250	Nutrition (spring)	3
PED 1900	One Physical Education Activity Course (fall, spring, summer)	1
PED 2080	Lifetime Physical Fitness and Wellness (fall, spring)	3
PED 3000	CPR, AED and First Aid Training (fall, spring)	1
PED 3120	Teaching Team and Individual Sports (spring)	3
PED 3510	Applied Assessment in Kinesiology (fall, spring)	3
PED 4110	Organization & Administration in Kinesiology (fall, spring)	3
CHM 1010	College Chemistry I (fall, spring)	3
CHM 1011	College Chemistry I Lab (fall, spring)	1
CHM 1020	College Chemistry II (fall, spring)	3
CHM 1021	College Chemistry II Lab (fall, spring)	1
PED 3110	Motor Learning (fall, spring)	3
PED 3430	Sport Ethics (fall, spring)	3
PED 3470	Sports Law (fall)	3
PED 3500	Human Anatomy for Kinesiology (fall, spring)	3

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PED 3600	Exercise Physiology (fall, spring)	3
PED 3650	Biomechanics (spring)	3
PED 3700	Sport & Exercise Psychology (fall)	3
PHY 1010	Introduction to Physics I (fall)	4
PHY 1011	General Physics Lab I (fall)	1
PHY 1020	Introduction to Physics II (spring)	4
PHY 1021	General Physics Lab II (spring)	1
PED 4980	Exercise Science Internship (fall, spring, summer)	9
<b>TOTAL LIBERAL ARTS CORE</b>		<b>51-53</b>
<b>TOTAL EXERCISE SCIENCE MAJOR</b>		<b>68</b>
<b>TOTAL MAJOR IN EXERCISE SCIENCE</b>		<b>119-121</b>

<i><b>Suggested Schedule Exercise Science Major</b></i>			
<b>First Year: Fall (14 Hours)</b>		<b>Spring (15 Hours)</b>	
ENG 1010	3	ENG 1020	3
MTH 1010	3	MTH 1110 or 1180	3
Foreign Language I	3	Foreign Language II	3
SEM 1010	1	PSY 1100	3
HED 2230	3	HED 2250	3
PED 1900	1		
<b>Second Year: Fall (14 Hours)</b>		<b>Spring (17 Hours)</b>	
BIO 1010/1011	4	BIO 1020/1021	4
CHM 1010/1011	4	CHM 1020/1021	4
HIS 1010 (western heritage 1st half)	3	HIS 1020 (western heritage 2nd half)	3
ENG XXXX (literature)	3	SOC XXXX (or other social science)	3
MTH 1210	3	PED 3120	3
<b>Third Year: Fall (14-18 Hours)</b>		<b>Spring (14-18 Hours)</b>	
PED 3110	3	PED 3600	3
PED 3500	3	PED 3430	3
ECO XXXX (social science)	3	PED 3650	3
PHY 1010/1011	5	PHY 1020/1021	5
Additional pre-req if needed	1-4	Additional pre-req if needed	1-4
<b>Fourth Year: Fall (14-17 Hours)</b>		<b>Spring (15-18 Hours)</b>	
ART/MUS/THT XXXX	3	PED 3510	3
PED 3000	1	PED 4980	9
PED 3700	3	PED 3470	3
PED 4110	3	Additional pre-req if needed	1-3
HUM XXXX (humanities)	3		
Additional pre-req if needed	1-4		
<b>TOTAL</b>			<b>120+</b>

**EXERCISE SCIENCE MINOR**

<b>EXERCISE SCIENCE MINOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
PED 3500	Human Anatomy for Kinesiology (fall, spring)	3
PED 3600	Exercise Physiology (fall, spring)	3
PED 3650	Biomechanics (spring)	3
Three elective courses (9 hours) chosen from: HED 2230, HED 2250, PED 2080, PED 3110, PED 3430, PED 3470, PED 3510, PED 3700, and PED 4110		9
<b>TOTAL</b>		<b>18</b>

**BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES**

**HEALTH AND WELLNESS MAJOR**

The major is designed for students seeking careers in corporate fitness, fitness instruction, fitness facility management, parks and recreation program direction, non-profit or for-profit community-based programs, and youth sports coaching and officiating. A minimum grade of C- is required for all major courses. PSY 1100 and MTH 1010 are required Liberal Arts Core courses for this major. Students may choose BIO 1010/1011, BIO 1020/1021, CHM 1010/1011, or CHM 1020/1021 to fulfill the eight required credits of Liberal Arts Natural Science.

<b>HEALTH AND WELLNESS MAJOR</b>		
<b>COURSE</b>	<b>TITLE</b>	<b>CREDITS</b>
<b>REQUIRED CORE COURSES</b>		
HED 2230	Personal and Community Health (fall, spring, or summer)	3
HED 2250	Nutrition (spring)	3
COM XXXX	Any Communications course (fall, spring, or summer)	3
PED 2080	Lifetime Physical Fitness and Wellness (fall, spring)	3
PED 3000	CPR, AED, and First Aid Training (fall, spring)	1
PED 3120	Teaching Team and Individual Sports (spring)	3
PED 3510	Applied Assessment in Kinesiology (fall, spring)	3
PED 4110	Organization & Administration in Kinesiology (fall, spring)	3
PED 3200 <b>OR</b> PED 4720	Methods of Teaching Primary Physical Activities (even spring years) <b>OR</b> Methods of Teaching Secondary Physical Activities (odd fall years)	3
PED 1900	One Physical Education Activity Course (fall, spring)	1
PED 2450	Sports Marketing (fall)	3
PED 3110	Motor Learning (fall, spring)	3
PED 3300	Coaching Methods (fall)	3
PED 3430	Sports Ethics (fall, spring)	3

PED 3470	Sports Law (fall)	3
PED 3480	Sport Finance (spring)	3
PED 3500	Human Anatomy for Kinesiology (fall, spring)	3
PED 3600	Exercise Physiology (fall, spring)	3
PED 3650	Biomechanics (spring)	3
PED 3700	Exercise Sport Psychology (spring)	3
PED 4000	Physical Activity for Special Populations (even spring years)	3
PED 4990	Health and Wellness Internship (fall, spring, summer)	9
<b>TOTAL LIBERAL ARTS CORE</b>		<b>51-53</b>
<b>TOTAL HEALTH AND WELLNESS MAJOR</b>		<b>68</b>
<b>TOTAL MAJOR IN HEALTH AND WELLNESS</b>		<b>119-121</b>

<b><i>Suggested Schedule for Health and Wellness Major</i></b>			
<b>First Year: Fall (14 Hours)</b>		<b>Spring (15 Hours)</b>	
ENG 1010	3	ENG 1020	3
MTH 1010	3	MTH 1050 or 1180	3
Foreign Language I	3	HED 2250	3
SEM 1010	1	Foreign Language II	3
HED 2230	3	PED 2080	3
PED 1900	1		
<b>Second Year: Fall (16 Hours)</b>		<b>Spring (16 Hours)</b>	
CHM/BIO 1010 & Lab	4	CHM/BIO 1020 & Lab	4
ART/MUS/THT XXXX	3	COM XXXX (any COM course)	3
ENG 3XXX (LITERATURE)	3	HUM XXXX (any humanities)	3
PSY 1100	3	SOC XXXX (OR ECO)	3
PED 2450	3	PED 3120	3
<b>Third Year: Fall (15 Hours)</b>		<b>Spring (15 Hours)</b>	
HIS 1010 (any western heritage first half)	3	HIS 1020 (any western heritage second half)	3
PED 3110	3	PED 3700	3
PED 3500	3	PED 3650	3
PED 3430	3	PED 4000 (even year) OR PED 3600	3
*PED 4720 (if odd year) or ECO XXXX (social science)	3	*PED 3200 (if even year) or ECO XXXX (social science)	3
<i>*Students select one course from PED 4720 and PED 3200. The third social science requirement can be taken in the alternate term.</i>			
<b>Fourth Year: Fall (13 Hours)</b>		<b>Spring (15 Hours)</b>	
PED 3000	1	PED 4980 (OR SUMMER)	9
PED 3300	3	PED 3480	3
PED 3470	3	PED 4000 (even year) or PED 3600	3

PED 3510	3	
PED 4110	3	
<b>TOTAL</b>		<b>120</b>

## TEACHING ENDORSEMENT FOR SECONDARY EDUCATION (LICENSURE) REQUIREMENTS

### *Licensure Requirements*

Individuals seeking licensure with secondary grades 6-12 endorsements may meet requirements through the completion of an approved program. Components of the licensure program include an **appropriate major**, professional teacher’s assessment requirement (Praxis I and II and the VCLA) prescribed by the Commonwealth of Virginia Board of Education, professional studies requirements, and any specific endorsement requirements.

### **PROFESSIONAL STUDIES REQUIREMENTS**

The professional studies requirements for students seeking licensure at secondary grades 6-12 consist of the following courses unless otherwise specified under the individual endorsement area.

<b>PROFESSIONAL STUDIES REQUIREMENTS SECONDARY GRADES 6-12</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
EDU 2510	Foundations of Education and the Teaching Profession (prerequisite for all education courses)	3
EDU 3580	Reading and the Language Arts in the Content Areas, 6-12	3
EDU 3690	Inclusion of Exceptional Children in the Regular Classroom	3
EDU 4080	Classroom Management and Discipline	3
EDU 4090	Foundations of Assessment	1
Choose Teaching Methods Course Based on Area of Study	Mathematics education candidates: EDU 4820 Business education candidates: EDU 4800 History/Social Sciences candidates: HIS 3020 Biology, chemistry, or earth science candidates: SCI 4010 English candidates: ENG 3430/EDU 3590 Foreign language candidates: LAN 3820 Music candidates: MUS 4786 or MUS 4787 Health and PE candidates: HED 4710	3
PSY 4740	Adolescent Development	3
EDU 4946	Teaching Internship: Middle and Secondary Grades 6-12	12
<b>TOTAL</b>		<b>31</b>

## LIBRARY MEDIA - PRE-K-12 LICENSURE (ANY UVA-WISE MAJOR)

Library media licensure may be added to any major by completing the requirements outlined below:

LIBRARY MEDIA – PRE-K-12 LICENSURE (ANY UVA WISE MAJOR)		
COURSE CODE	TITLE	CREDIT HOURS
EDU 3260	Design, Production, and Evaluation of Instructional Media	3
EDU 3300	Educational Technology	3
EDU 3400	Young Adult Literature	3
EDU 3470	Exploring the Language Arts through Children’s Literature	3
LIB 3100	Reference and Bibliography	3
LIB 3200	Technical Services	3
LIB 3300	School Library Administration	3
LIB 3940	Internship in School Library Service	6
EDU 2510	Foundations of Education and the Teaching Profession (prerequisite for all education courses)	2
EDU 4090	Foundations of Assessment	1
EDU 3600	Human Growth and Development	3
EDU 3690	Inclusion of Exceptional Children in the Regular Classroom	3
EDU 4080	Classroom Management and Discipline	3
<b>LIBRARY MEDIA &amp; PROFESSIONAL STUDIES REQUIREMENTS</b>		<b>39</b>
<b>LIBERAL ARTS CORE</b>		<b>53-54</b>
<b>MAJOR REQUIREMENTS</b>		<b>36-67</b>
<b>TOTAL</b>		<b>128-159</b>

## ENGINEERING TEACHING ENDORSEMENT

Students interested in seeking an endorsement in engineering must meet the following requirements. All candidates must hold an undergraduate degree in an Engineering field or coursework equivalent to an Engineering degree. All candidates must pass all UVA Wise Teacher Education Program (TEP) and Virginia Department of Education (VDOE) required assessments. Students must maintain a 3.0 GPA and have five years in which to complete coursework. Any coursework over five years old will not count toward the endorsement.

ENGINEERING ENDORSEMENT REQUIREMENTS		
COURSE CODE	TITLE	CREDIT HOURS
EDU 1100	Survey of Education for Engineers	3
EDU 1900	Introduction to Engineering for Educators	3

EDU 2900	Fundamentals of Engineering for Educators	3
EDU 3900	Teaching and Learning Approaches for Engineering Educators	3
EDU 4900	Technical Writing and Presentations for Engineering Educators	3
<b>TOTAL</b>		<b>15</b>

## **SECONDARY EDUCATION MINOR**

Each student admitted to the Teacher Education Program at the secondary level may earn a minor in secondary education by completing the professional studies requirements for secondary grades 6-12.

### **LICENSURE REQUIREMENTS, Pre-K–12**

Licensure at the Pre-K–12 level may be obtained in library media, music education, and health and physical education. Students must be accepted into the Teacher Education Program and complete the Liberal Arts Core requirements, an appropriate major offered by the College, and the professional studies and teaching internship requirements.

## **BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES (NON-LICENSURE) REQUIREMENTS**

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This major is designed for students seeking a degree that **DOES NOT** lead to a recommendation for licensure from the Director of the Teacher Education Program at UVA Wise to the Commonwealth of Virginia’s Department of Education.

Students are required to complete a minimum of 120 semester hours for the degree. Credit hours are to be earned from the core requirements listed above with respect to students’ area of interest (**Elementary Education, Special Education, or Health and Physical Education**) and the professional education component (except for EDU 4945 or EDU 4943, respectively).

Students seeking a non-licensure degree are required to complete EDU 4941: Non-Licensure Teaching Internship—Education Special Topics (instead of EDU 4945 or EDU 4943). The core requirements for this program also satisfy the general education requirements described previously in this catalog.

Students considering a degree with non-licensure **must receive approval from the Director of Teacher Education and the Teacher Education Admissions Committee** before receiving approval for admission to the non-licensure program.

The non-licensure degree is not intended to be an avenue for students to graduate early; rather, the program was created to help students who **cannot meet licensure requirements** earn a degree. Students would qualify for the non-licensure route if they can demonstrate dire circumstances that would have prevented them from qualifying for a teaching license.

### **Requirements for Non-Licensure Degree:**

1. Attempted all required licensure assessments,
2. Students must write and submit a formal letter of request that explains why the student is requesting to enroll in the non-licensure program to the Director of the TEP,



3. Interview with the Director of the TEP and the Teacher Education Admissions Committee to explain the rationale for seeking a non-licensure degree.

<b>CORE REQUIREMENTS LIBERAL ARTS &amp; SCIENCES</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
The completion of the following core requirements will satisfy the liberal arts core of general education.		
ENG 1010	Composition I	3
ENG 1020	Composition II	3
ENG XXXX	Literature (chosen from ENG 2120 through 3280) or literature courses taught by foreign language faculty. Non-literature courses will not satisfy this requirement.	3
COM 1000	Public Speaking	3
EDU 3470	Exploring the Language Arts through Children's Literature	3
CSC 1100	Computer Literacy	3
HIS 1010	Western Civilization I	3
HIS 1020	Western Civilization II	3
HIS 1070	American History I	3
MTH 1010	College Algebra (may sub with Pre-Cal I or II)	3
MTH 1180	Elementary Probability and Statistics	3
MTH 2010	Euclidean Geometry	3
MTH 2020	Problem Solving	3
MTH 2025	Methods for Teaching Mathematics	1
SCI 3000	Intro to Science Education	2
SCI 3010	Physical Science	4
SCI 3020	Earth & Space Science	4
SCI 3030	Life Science	4
Foreign Language*	FRE 1010 and FRE 1020 <b>OR</b> GER 1010 and GER 1020 <b>OR</b> SPA 1010 and SPA 1020	6
ART XXXX	ART, Music, or Theater	3
ECO 2550	Economic (may sub with ECO 1050)	3
GEO 2020	Cultural Geography	3
POL 1010	American National Politics and Political Institutions	3
PED 1900	Physical Education Activity Course	1
SEM 1010	Freshman Seminar I	1
SEM 1020	Freshman Seminar II (may be waived if student maintains Good Academic Standing after SEM 1010)	1
<b>TOTAL</b>		<b>75-78</b>

\*Exemption from this requirement may be made by demonstrating on a placement test a proficiency equivalent to one year of college language study and/or by successful completion of a foreign language numbered 1030.

**Concentration Areas – Students must choose and complete at least one of the four areas below.**

LANGUAGE AND LITERATURE CONCENTRATION		
COURSE CODE	TITLE	CREDITS
ENG 3000	Introduction to Literature	3
ENG 3050	The Western Literary Tradition I (Will satisfy literature course in core.)	3
ENG 3270	Survey of British Literature I	3
EDU 3400	Young Adult Literature	3
ENG 3410	Introduction to English Linguistics	3
ENG 3420	History of English Language	3
ENG 3430	Teaching Writing (may sub with EDU 3590)	3
CHOOSE ONE	ENG 3280 Survey of British Literature II ENG 3810 Survey of American Prose and Poetry I	3
<b>TOTAL</b>		<b>24</b>

MATHEMATICS CONCENTRATION		
COURSE CODE	TITLE	CREDITS
MTH 1180	Elementary Probability and Statistics	3
MTH 1210	Pre-Calculus II	3
MTH 3030	Introduction to Linear Algebra with Applications	3
MTH 3050	History of Mathematics for Teachers	3
MTH 2040	Calculus I	4
ELECTIVE COURSE GROUP -- CHOOSE TWO	MTH 2050 Calculus II MTH 3060 Calculus III MTH 3100 Introduction to Mathematical Proofs	6-8
For the Algebra I endorsement only- choose 1	CSC 11010 Introduction to Programming in Python CSC 1180 Fundamentals Computer Programming C++ CSC 3300 Fundamentals of Computer Science	3-4
<b>TOTAL</b>		<b>24-28</b>

GENERAL SCIENCE CONCENTRATION		
COURSE CODE	TITLE	CREDIT HOURS
PHY 1000	Introduction to Astronomy I	3
PHY 1001	Introduction to Astronomy Lab I	1

BIO 1010	Principles of Biology	3
BIO 1011	Principles of Biology Lab	1
CHM 1010	College Chemistry I	3
CHM 1011	College Chemistry I Lab	1
GLG 1010	Physical Geology	4
PHY 1010	Introduction to Physics I	4
PHY 1011	General Physics Lab I	1
<b>TOTAL</b>	*(Will satisfy natural science in the core.)	<b>20</b>

<b>HISTORY/SOCIAL SCIENCE CONCENTRATION</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>HOURS</b>
HIS 1070	American History I	3
HIS 1080	American History II	3
HIS 3630	History of Virginia	3
CROSS-CULTURAL COURSE GROUP-- CHOOSE ONE	HIS 3120, 3160, 3170, 3230, 3260, 3300, 3320, 3351, 3355 <b>or</b> 3380	3
POLITICAL SCIENCE COURSE GROUP-- CHOOSE TWO	POL 3050, 3060, 3220, 3610 <b>or</b> 3810	6
UPPER LEVEL SELECTION FROM HIS, POL, PSY or SOC – CHOOSE ONE	POL 3XXX, HIS 3XXX, PSY 3XXX <b>or</b> SOC 3XXX	3
<b>TOTAL</b>		<b>21</b>

### **PROFESSIONAL EDUCATION**

The following professional education component must be completed by all students earning a degree in Liberal Arts and Sciences and seeking a license in Elementary Education, Pre-K-6.

<b>PROFESSIONAL EDUCATION PRE-K-6, ELEMENTARY EDUCATION</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
EDU 2510	Foundations of Education and the Teaching Profession (prerequisite for all education courses)	2
EDU 3300	Educational Technology	3
EDU 3450	Foundations of Reading Instruction	3
EDU 3600	Human Growth and Development	3
EDU 3690	Inclusion of Exceptional Children in the Regular Classroom	3
EDU 4080	Classroom Management and Discipline	3
EDU 4090	Foundations of Assessment	1
EDU 4100	Diagnosis and Correction of Reading Problems	3

EDU 4460	Organizational and Instructional Procedures for Pre-K–6	3
EDU 4945	Teaching Internship: Elementary Education, Pre-K–6	12
<b>TOTAL</b>		<b>36</b>

### **LIBRARY MEDIA MINOR**

<b>LIBRARY MEDIA MINOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
LIB 3100	Reference and Bibliography	3
LIB 3200	Technical Services	3
LIB 3300	School Library Administration	3
EDU 3260 OR EDU 3300	Design, Production, and Evaluation of Instructional Media Educational Technology	3
EDU 3400	Young Adult Literature	3
EDU 3470	Exploring the Language Arts through Children’s Literature	3
<b>TOTAL</b>		<b>18</b>

### **DRIVER EDUCATION**

<b>DRIVER EDUCATION ADD-ON ENDORSEMENT</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
EDU 3040	Introduction to Driver Education: Driver Task Analysis	3
EDU 3060	Driver Education Instructional Principles	3
<b>ENDORSEMENT IN SECONDARY OR PRE-K-12 SUBJECT AREA</b>		<b>26-30</b>
<b>LIBERAL ARTS CORE</b>		<b>53-54</b>
<b>MAJOR REQUIREMENTS (HOURS DEPEND ON MAJOR)</b>		<b>121-156</b>

## **COURSES IN EDUCATION**

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### **EDU 2510: Foundations of Education and the Teaching Profession (3)**

A study of American education including the history of education and the major philosophical and sociological forces affecting education, with emphasis on contemporary issues, problems, and patterns relative to curriculum design and development in American schools, as well as an introduction to a teacher’s role in understanding and developing collaborative relationships with his/her students’ families to support students’ physical, cognitive, and social development. Attention is also given to the legal status of teachers and students with respect to federal and state regulations. Requires 20 logged hours of observation in an elementary and/or secondary school setting.

### **EDU 3020: Workshop in Education (CR/NC, 0, 1, 2, 3)**

This workshop course may address assessment remediation for the Praxis, VCLA, or RVE for no credit. If this workshop course is designed to address special topics for credit the credit hours may not be counted toward a major at The University of Virginia's College at Wise.

**EDU 3040: Introduction to Driver Education: Driver Task Analysis (3)**

Identification and application of knowledge and skills for traffic safety decision making. Under the supervision of a certified driver education instructor, the student will demonstrate the knowledge and skills required to provide effective instruction in the safe operation of a vehicle.

May not be used to meet degree requirements except for students seeking licensure to teach Driver's Education.

**EDU 3060: Driver Education Instructional Principles (3)** Prerequisite: EDU 3040

Theory and practice of methods, knowledge, and materials for teaching and evaluating classroom and laboratory instruction in driver education. Topics are the legal aspects for operating a motor vehicle, safety and first aid principles, and the demonstration of the knowledge and skills required to provide effective instruction in the safe operation of a vehicle.

May not be used to meet degree requirements except for students seeking certification to teach Driver's Education.

**EDU 3260: Design, Production and Evaluation of Instructional Media (3)**

This course provides an introduction to ways various methods of technology and media format can be integrated into classroom instruction. This class offers a systematic approach to using technology and media to facilitate student learning. Topics such as technology and media tools; preparation for teaching in today's learning environments and future environments; and how to select, use, and evaluate technology and media to assure that learning takes place.

**EDU 3300: Educational Technology (3)** Prerequisite: CSC 1100, EDU 2510

An introduction to educational and computer technologies, this course is required of all students seeking a license to teach. Students taking this course will develop an understanding and familiarity with computers. This course will rapidly cover advanced computer topics. Students will explore the State Standards of Learning (SOL) and demonstrate computer competencies in their respective educational discipline. Several required projects will be assigned; however, individual exploration will also be incorporated into the course.

**EDU 3400: Young Adult Literature (3)** Prerequisite: Upper division status

A study of literature for readers from grades 6-12 with presentation of appropriate bibliographies, indexes, review sources, and teaching methods. The course is required for English majors seeking licensure for teaching in grades 6-12 and all students seeking licensure in library science. The course may not be used to satisfy the Liberal Arts Core requirements.

**EDU 3450: Foundations of Reading Instruction (3)** Prerequisite: Upper division status

This course is designed to provide information on balanced reading instruction in grades PK-6. Specific topics addressed will include theories/models of the reading process, language acquisition, phonemic awareness, word identification strategies (sight vocabulary, phonics knowledge, structural analysis, and contextual analysis), vocabulary development strategies, comprehension strategies, reading-writing connections, and assessments (formal and informal).

Students enrolled in this course are required to complete 30 hours of field experience in a K-6 classroom setting.

**EDU 3470: Exploring the Language Arts through Children's Literature** (3) Prerequisite: Upper Division Status

This course is designed to provide information for integrating the study of the language arts (listening, speaking, reading, and writing) with the study of children's literature in a K-6 classroom setting. Specific topics addressed will include: understanding the theoretical foundations for integration, selecting and evaluating children's literature, identifying categories of children's literature, utilizing children's literature across the curriculum, constructing thematic units, conducting activities for sharing and responding to literature (through read-alouds, shared reading, and guided reading activities, etc.), guiding children through the writing process, constructing listening and speaking activities, and assessing children's success with the language arts.

**EDU 3580: Reading and the Language Arts in the Content Areas, 6-12** (3) Prerequisite: Upper division status

The content of this course is designed to provide information on various approaches and techniques for utilizing and teaching reading/writing strategies within grades 6-12 content areas (i.e. literature, history/social science, mathematics, science, etc.). Emphasis is placed on procedures for evaluating textbooks, strategies to help students develop comprehension and study skills, and methods for teaching vocabulary and concepts. This course requires 30 hours of field experience in a 6-12 school setting.

**EDU 3590: Teaching Writing** (3) Prerequisite: Upper division status

Provides an overview of current writing theory and practices in multicultural, public educational settings. Course themes include culture (including issues in ESL and nonstandard dialects), literacy, writing pedagogy (process, expressive, narrative, collaborative, and student-sponsored), conferencing, assessment, and technology. Students will develop demonstrations of teaching practices, as well as a portfolio that will include teaching philosophy, a dialogic learning log, a strategy for assessment, and a final paper addressing one of the class themes. Students will work with Appalachian Writing Project teacher consultants, who will model cutting-edge practices in teaching writing K-12. This course is cross-referenced because it is appropriate both to students who plan to become K-12 teachers, and English students who plan to attend graduate school and may be teaching composition. This course requires 20 hours of field experience/observation in a 6-12 school setting. (Dual listing with ENG 3430.)

**EDU 3600: Human Growth and Development** (3)

A study of the development of the whole child: physical traits, learning and intelligence, social and emotional behavior, and personality adjustment. Emphasis on birth to adolescence. May not be used to satisfy psychology major or minor requirements.

**EDU 3610: Children's Literature** (3) Prerequisite: Upper division status

Instruction in this course focuses on the various forms of children's literature (prose and poetry) and how to evaluate and effectively utilize and present (e.g. read-alouds, shared readings, and choral readings) this literature in a PK-6 setting. This course should be considered as "writing

intensive" since students are required to turn in numerous critiques/reviews of children's literature plus a formal thematic unit.

**EDU 3680: Characteristics of Cognitive Disabilities** (4) Prerequisite: EDU 2510

This course provides a comprehensive study of the characteristics of specific learning disabilities and intellectual disabilities. Specific learning disabilities related issues (e.g., medical aspects, assessment, early identification and intervention, learning and teaching theories, reading, oral language, writing, math, social and emotional behavior and study skills) and related teaching methods will be studied. The course also provides an extensive study on understanding the characteristics of intellectual disabilities, and teaching and training approaches for school children with intellectual disabilities. This course requires 20 hours of field experience working with children with cognitive disabilities.

**EDU 3690: Inclusion of Exceptional Children in the Regular Classroom** (3) Prerequisite: Upper division status

A survey of the field of special education. Emphasis is on techniques for integrating students with intellectual, emotional, social and physical disabilities into the least restrictive educational environment. Requires 30 hours of observation/participation in the elementary and/or secondary school classroom.

**EDU 3750: Psychoeducational Diagnosis** (3) Prerequisite: EDU 3690

Study of the basic principles and techniques of evaluation. Emphasizes concepts and methods for oral and written reporting of educational, diagnostic and prescriptive information concerning students with various disabilities.

**EDU 3810: Diagnostic-Remedial Instruction for Students with Learning and Behavioral Disabilities: Elementary Level** (3) Prerequisite: EDU 3450 and EDU 3690

Techniques for assessing and remediating specific learning and behavior problems of elementary age students with learning and behavior disorders. Specific attention is given to teaching basic academic subjects and methods of classroom management. The development and implementation of Individual Education Plans will also be stressed.

**EDU 3820: Diagnostic-Remedial Instruction for Students with Learning and Behavioral Disabilities: Secondary Level** (3) Prerequisites: EDU 2510, EDU 3690

This course is designed to provide special education teacher candidates an extensive study of the components of effective transition education curriculum and service models, service guidelines, parents' involvement, transition assessment, job placement, training and supervision, transition to adult life, instructional strategies, and community resources. Candidates will study the scope and sequence of the secondary curriculum and will learn to develop an individualized transitional curriculum relevant to vocational training, life skills and functional skills domain. The course emphasizes techniques for fostering motivation to acquire basic academic and social/personal skills as well as meeting the long-term goals of transition education in the special education program. Secondly, this course will provide training to students on special education collaboration and consultation procedures. Fundamentals of collaboration, applications of collaboration (e.g., consultation, and teamwork, co-teaching, staff development,

interpersonal problem solving, pragmatic issues of collaboration, techniques in interpersonal communication) and issues in collaboration are also studied.

**EDU 4080: Classroom Management and Discipline** (3) Prerequisite: Admission to the Teacher Education Program

This course presents various alternatives for classroom management and the development of classroom management plans for students at both the elementary and secondary levels.

**EDU 4090: Foundations of Assessment** (1) Prerequisite: EDU 2510, Admission to the Teacher Education Program

This course provides a study of the historical, philosophical, and sociological foundations of instructional design based on assessment data including the relationships between assessment, instruction, and monitoring student progress. Topics include student performance measures in grading practices, construction and interpretation of valid assessments to measure student attainment of essential skills in a standards-based environment, and analysis of assessment data to improve instruction and student performance.

**EDU 4100: Diagnosis and Correction of Reading Problems** (3) Prerequisites: EDU 3450, Admission to the Teacher Education Program

Instruction in this course focuses on the techniques, methods, and materials that can be used in effectively diagnosing reading difficulties/deficiencies and strengths in children in the PK-6 setting. Course content will include a study of both formal and informal assessment measures with emphasis placed on the procedures for administering and interpreting an Informal Reading Inventory (IRI) and how to use results from this inventory to prescribe and then deliver reading instruction to a PK-6 child. As part of the service-learning component for the course, students will be required to serve as a tutor for a K-6 grade child enrolled in the College's Reading Clinic. A formal case study must be completed by students based on this clinical experience.

**EDU 4460: Organizational and Instructional Procedures for Pre-K-6** (3) Prerequisite: Admission to the Teacher Education Program

Principles and techniques of planning and teaching at the kindergarten and primary levels. Requires 30 logged hours of observation and participation in kindergarten and primary classrooms. Required for students seeking Pre-K-6 teaching certification.

**EDU 4480: Teaching in the Middle School** (3) Prerequisite: Admission to the Teacher Education Program

Development of knowledge and skills required for planning, implementing, and evaluating instructional procedures in middle school education, grades 5-8.

**EDU 4800: Methods of Teaching Business Subjects** (3) Prerequisite: Admission to the Teacher Education Program

Development of classroom teaching skills in designing, implementing, and evaluating instructional materials in the business curriculum. This course requires 20 hours of field experience/observation in a 6-12 school setting.

**EDU 4820: Design and Development of Instruction in Grades 6-12** (3) Prerequisite: Admission to the Teacher Education Program



Development of knowledge and skills for designing, implementing, and evaluating instruction in middle and secondary education. Requires 20 hours of observation in a middle or secondary education setting.

**EDU 4941: Teaching Internship-Special Topics** (6)

**EDU 4942: Dual Endorsement Practicum for Special Education** (K-12) (6) Prerequisite: Admission to the TEP and Internship

Under the direction of cooperative teachers and College supervisors, students will assume part-time teaching responsibilities in public school classrooms appropriate to the endorsement grades PK-12 for one semester. Demonstration of academic and pedagogical skills is required.

**EDU 4943: Teaching Internship in PK-12** (12) (for PK-12 endorsements in Music, Health & PE, or Special Education K-12) Prerequisites: Admission to the Teacher Education Program and the Teaching Internship Program Corequisite: EDU 4090

Under the direction of cooperating teachers and college supervisors, students assume full-time teaching responsibilities in public school classrooms appropriate to the endorsement, grades PK-12 for one semester. Demonstration of academic and pedagogical skills is required.

**EDU 4945: Teaching Internship: Elementary Education, Pre-K-6** (12) (for PK-6 endorsement) Prerequisite: Admission to the TEP and the Teaching Internship Program Corequisite: EDU 4090

Under the direction of cooperating teachers and College supervisors, students assume full-time teaching responsibilities in public school classrooms, Pre-K-6, for one semester. Demonstration of academic and pedagogical skills is required.

**EDU 4946: Teaching Internship: Middle and Secondary Grades, 6-12** (12) (for 6-12 endorsement) Prerequisite: Admission to the TEP and the Teaching Internship Program Corequisite: EDU 4090

Under the direction of cooperating teachers and college supervisors, students assume full-time teaching responsibilities in public school classrooms, grades 6-8 and/or grades 6-12, for one semester. Demonstration of academic and pedagogical skills is required.

**EDU 4950, 4960: Problems in Education** (1, 2 or 3)

Selected problems in modern education.

**EDU 4970: Independent Study** (1-3)

## **COURSES IN HEALTH EDUCATION**

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**HED 2020: Emergency Medical Training** (3)

Instruction, demonstrations, and practical work regarding safe and unsafe practices to reduce accidents as well as learn the correct emergency aid of injured persons until medical help can be obtained.

**HED 2230: Personal and Community Health** (3)

This course includes a basic understanding of attitudes and practices that contribute to better physical, mental, emotional, social, spiritual and environmental health.

**HED 2250: Nutrition** (3)

This course is designed to explore and apply the basic concepts and principles of nutrition. Emphasis is placed on the function of major nutrients, dietary guidelines, energy balance, weight management, the use of technology to access and use current, valid and reliable information, and the relationship between chronic diseases and nutrition selections.

**HED 4710: Methods of Teaching Health** (3) Prerequisite: HED 2230; PED 3240; EDU 2510 OR Corequisite: PED 3240; EDU 2510

Development of knowledge and skill for designing, implementing, and evaluating health instruction in the public school curricula. This course requires a field experience of 10 observational hours in a classroom setting.

**HED 4950, 4960: Special Topics in Health Education** (1-3, 1-3)

## **COURSES IN LIBRARY MEDIA**

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**LIB 2000: Basic Library Research** (1)

Not for students pursuing the library media program of study. Study of basic bibliographies and reference tools. Includes the development of efficient search strategies and skills in the use of the library.

**LIB 2010: Literature of the Sciences** (1) Prerequisite: LIB 2000

Not for students pursuing the library media program of study. Study of materials which will help students use the library more effectively in their undergraduate work. Includes chemistry, physics, biology, and mathematics.

**LIB 2020: Literature of the Humanities** (1) Prerequisite: LIB 2000

Not for students pursuing the library media program of study. Study of materials which will help students use the library more effectively in their undergraduate work. Includes art, history, language, literature, music, philosophy, religion, and theatre.

**LIB 2030: Literature of the Social Sciences** (1) Prerequisite: LIB 2000

Not for students pursuing the library media program of study. Study of materials which will help students use the library more effectively in their undergraduate work. Includes anthropology, business, economics, education, political science, psychology, and sociology.

**LIB 3100: Reference and Bibliography** (3) Prerequisite: ENG 1020

An introduction to standard bibliographies and reference works in various subject fields.

**LIB 3200: Technical Services** (3) Prerequisite: ENG 1020

An introduction to the basic principles and methods of library technical processes, including acquisitions, serials, classification and cataloging, and circulation routines.

**LIB 3260-3270-328: Library Laboratory** (1-1-1) Prerequisite: LIB 3100 or 3200

Supervised work experience in the College's library.

**LIB 3300: School Library Administration** (3) Prerequisites: ENG 1020, LIB 3100 or 3200

An introduction to school librarianship with emphasis on the historical development, philosophy, objectives, and place of the library in the instructional program of the school. Includes book selection and collection development.

**LIB 3350: Library Field Experience** (1-3) Prerequisite: LIB 3100 or 3200

Supervised work experience in libraries other than the College's library. Written analysis of experience required.

**LIB 3940: Internship in School Library Service** (6) Prerequisites: LIB 3100, 3200, 3300, and admission to the TEP

Participation in the routines and procedures of the school library. Fulfills internship requirement for licensure as a school librarian and may be used to meet part of the professional education requirements.

**LIB 4950, 4960: Special Topics in Library Media** (1-3, 1-3)

**LIB 4970: Independent Study** (1-3)

## **COURSES IN PHYSICAL EDUCATION**

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**PED 1950/1960: Special Topics in Physical Education**

**PED 2080: Lifetime Physical Fitness and Wellness** (3)

This course is designed to explore and apply the basic concepts and principles of physical fitness and wellness through a variety of physical activities. Emphasis is placed on wellness through the study of nutrition, weight management, stress management, individual needs-based activity plan, and safety education.

**PED 2450: Sport Marketing** (3)

This junior or senior level course is a study of basic marketing concepts with application to both amateur and professional sport organizations. Topics include promotion, public relations, sports consumer behavior, strategic market planning, technology applications and different types of sponsorship.

**PED 3000: CPR, AED and First Aid Training** (1)

A study of basic CPR, AED and First Aid designed to certify students to administer CPR and first aid based on the American Red Cross requirements. This course is designed to help students recognize and respond appropriately to cardiac, breathing and first aid emergencies.

**PED 3050: Officiating I** (3)

This course provides the student the opportunity to gain knowledge and experience in officiating athletic contests through lectures, clinics and applications. Students will learn the philosophies and fundamentals of officiating, the mechanics, rules and interpretations of different sports and apply the classroom knowledge by officiating intramural contests.

**PED 3060: Officiating II** (3)

This course provides the student the opportunity to gain knowledge and experience in officiating inner-tube polo, basketball, softball, and indoor soccer through lectures, clinics, and applications. Students will learn the philosophies and fundamentals of officiating, the mechanics, the rules and interpretations of inner-tube water polo, basketball, softball, and indoor soccer and apply the classroom knowledge by officiating intramural contests.

**PED 3110: Motor Learning** (3) Prerequisite or corequisite: PED 3240

This course examines current theories and principles explaining motor behavior and the psychological factors related to and affecting motor skill acquisition and performance.

**PED 3120: Skills and Techniques in Teaching Team and Individual Sports** (3) Prerequisite or corequisite: PED 3240

Instruction in the methods of teaching the skills and techniques of physical education and athletic activities.

**PED 3200: Methods of Teaching Primary Physical Activities** (3)

The philosophy, content, and methods appropriate for teaching physical education in elementary school. Two hours lecture and three hours laboratory (physical education activities). This course requires field experience of 10 observation hours in a classroom setting.

**PED 3240: Foundations and Trends in Physical Education** (2)

This course provides prospective health, physical education and sport management professionals the opportunity to examine and understand the complexities of the field of sport and movement studies (i.e. athletic training, coaching, dance, exercise science, health and physical education, recreation/leisure, and sport management). The student will gain a historical perspective of how the field developed and insight into the underlying principles and philosophies as they exist today. Authentic learning opportunities will assist students in identifying the sub-disciplines of sport and movement studies and how they form a comprehensive field.

**PED 3250: Introduction to Sport Management** (2)

This class examines the history, principles, philosophies, and trends in the fields of sports management.

**PED 3300: Coaching Methodology** (3)

The study of practical and managerial skills common to all coaching activities, including off-season, preseason, planning, recruiting, scheduling, growth and development, teaching and communications, risk management, and professional preparation.

**PED 3410: Sport in Society** (3)

Study of sociological factors related to sport and physical activity. Emphasis on the role and impact of sport in society. Topics include ethnic cultures, technology, politics, economics, and the social processes of sport and athletics.

**PED 3430: Sport Ethics** (3)

A study of issues that affect ethical expectations of sport. Issues include philosophy of sport, sportsmanship, and the importance of a code of ethics.

**PED 3440: Event and Facility Management (3)**

A study of current issues and trends that concern the management of sports events and the facilities that host them. Issues include an analysis of each segment in the process of managing events, site maintenance, facility planning, renovation of the master plan, and the marketing management of events.

**PED 3470: Sports Law (3)**

This junior or senior level course is the study of the legal implications of tort and liability that affects athletic competition both on and off the playing field of athletics. This course is an introduction to sports law in intercollegiate and professional sports, discussing areas such as drug testing, Title IX, antitrust and labor laws, collective bargaining, salary caps, free agency, and issues of race and violence. The course emphasizes fundamental legal principles that apply to sports.

**PED 3480: Sport Finance (3)**

A study of the sports industry, and the economic principles as they apply to sport, along with a study of the basic financial and accounting principles and budgeting of sports and sports institutions.

**PED 3490: Governance in Sport (3)**

A study of the governing bodies in sport and how they affect its organization, rules, and prescribed administration of the program. Issues will include the evolution of the rules in sports and the parameters of their administration.

**PED 3500: Human Anatomy for Kinesiology (3)**

A study of the structure of the human body and its role in physical activity.

**PED 3510: Applied Assessment in Kinesiology (3)**

Analysis of tests and measurements in kinesiology. Emphasis on the selection, administration, evaluation, and methods of using results of various tests.

**PED 3600: Exercise Physiology (3)** Recommended: BIO 1010/1011, BIO 1020/1021, and PED 3500

The scientific study of human functions, cellular response, and tissue adaptations under the stress of muscular activity.

**PED 3650: Biomechanics (3)** Recommended: BIO 1010/1011, BIO 1020/1021, and PED 3500

The study of the mechanics of the musculoskeletal system and their application to sports and games.

**PED 3700: Exercise & Sport Psychology (3)**

This course examines several areas of psychological-based concepts within the realms of sport and exercise. For example, course topics include personality, socialization, motivation and behavioral principles. In addition, the course content will explore performance-based variables, aggression, burnout, anxiety, mental rehearsal, and goal orientation specific to the sport and exercise environment.

**PED 4000: Physical Activity for Special Populations (3)**

Examination of the concepts and organization of physical activities for individuals with special needs. The student will adapt and modify exercises for individuals and groups based on age, medical conditions, and other specific needs.

**PED 4110: Organization and Administration in Kinesiology** (3) Prerequisite: Completed at least 60 credit hours; at least junior status

Analysis and discussion of the organizational structure of physical activity programs including physical education, athletics, commercial fitness, physical therapy facilities, athletic training, and other settings. Administrative and leadership styles are emphasized.

**PED 4720: Methods of Teaching Secondary Physical Activities** (3)

The philosophy, content, and methods appropriate for teaching physical education at the secondary level with an emphasis on pedagogy skills, curriculum development, teaching effectiveness and professional dispositions.

**PED 4940: Sport Management Internship** (3, 6, 9) Prerequisite: Senior status and overall cumulative 2.5 GPA before registering for this course

A senior level field experience is required of all sports management majors. Students will consult with the Physical Education coordinator for placement. Site supervisors will be trained personnel in appropriate professional disciplines. Internships will be evaluated and graded by the site supervisor as well as the Sport Management Internship Supervisor.

**PED 4950, 4960: Special Topics in Physical Education** (1-3, 1-3)

**PED 4980: Exercise Science Internship** (3, 6, 9) Prerequisite: Senior status and overall cumulative 2.5 GPA before registering for this course.

The Exercise Science Internship is a clinical field experience course that is required of all students fulfilling the exercise science major. This class allows the student to gain valuable, hands-on learning experiences in an area that closely aligns with the student's career aspirations. While completing the internship, students will be under the supervision of a professional preceptor who has appropriate professional credentials and a college supervisor. The intern will be evaluated and graded by the preceptor and college supervisor. Internship location will be based on individual students' interests and needs and must be approved by the college supervisor and preceptor before obtaining any hours.

**PED 4990: Health and Wellness Internship** (3, 6, 9) Prerequisite: Senior status and overall cumulative 2.5 GPA before registering for this course.

The Health and Wellness Internship is a clinical field experience course that is required of all students fulfilling the health and wellness major. This class allows the student to gain valuable, hands-on learning experiences in an area that closely aligns with the student's career aspirations. While completing the internship, students will be under the supervision of a professional preceptor who has appropriate professional credentials and a college supervisor. The intern will be evaluated and graded by the preceptor and college supervisor. Internship location will be based on individual students' interests and needs and must be approved by the college supervisor and preceptor before obtaining any hours.

**PED 1900: Physical Education Activity Courses (Basic Skills)** (1)

Offered for credit/no credit only. These physical activity courses are cumulative and may be repeated for a total of 2 credit hours that count toward graduation. A total of 1 credit hour is allowed for meeting the PED Liberal Arts Core requirement. Courses include but are not limited to: Badminton, Basketball, Advanced Conditioning, Conditioning, Cycling, Dance, Golf (Beginning), Golf (Intermediate), Gymnastics, Insanity, Racquetball (Beginning), Running/Jogging, Self-Defense, Softball, Swimming (Beginning), Swimming (Intermediate) (Prerequisite: Demonstration of swimming ability), Advanced Life Saving (Prerequisite: Demonstration of swimming ability), Tennis (Beginning), Tennis (Intermediate), Volleyball, Wallyball, and Yoga

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## DEPARTMENT OF HISTORY AND PHILOSOPHY

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**Degree:** Bachelor of Arts in History

**Major:** History

**Chair:** Thomas M. Costa

**Department Faculty:** Anthony Cashio, Mark W. Clark, Sanders Huguenin, Donald Leech, Brian McKnight, Elizabeth Steele, Jinny Turman, Cynthia Wilkey, Witold Wolny

The Department of History and Philosophy offers a history major for the Bachelor of Arts degree. Within the history major there are two concentrations:

- Public History -- exposes students to how history is presented to and received by the public
- Intellectual History/Philosophy -- offers a more theoretical approach to the study of history

The department also offers minors in history, philosophy and religious studies that are open to all students. Students who have studied history and/or philosophy at UVA Wise have successfully pursued many different careers including law, journalism, museum curator, archives, teaching, government service, and business.

Students who are interested in attending the Appalachian School of Law (ASL) will have an opportunity to earn their Bachelor's degree from UVA Wise and a Juris Doctor from ASL in only six years. Interested students should contact the Chair of the History Department after reading more information below.

Majors in history must complete HIS 1010, 1020, 1070, 1080 and 3000 with at least a 2.0 grade point average in those courses, and majors must earn at least a C- in HIS 3000 in order to progress to the 4000-level. For graduation, the Department requires of its majors a 2.0 average, both overall and in the major. During their senior year, history majors must take a state-mandated assessment test that surveys general knowledge of European, U.S. and cross-cultural history.

To be recommended by the Department of History and Philosophy to the Teacher Education Program (TEP), a student must have a 3.0 grade point average for all upper-division history courses taken at UVA Wise, with a minimum of 24 credits in history courses taken at the College. (Those students whose grade point average in upper-division history courses is below 3.0 but above 2.5 may be considered for recommendation to the TEP, if there are special circumstances warranting such consideration. A request for special consideration must be submitted in writing.) For additional requirements and information relative to the TEP, please contact the Director of Teacher Education.

Six hours course credit will be given to those students who score a 4 or 5 on the ETS advanced placement test in American history or European history.



## BACHELOR OF ARTS IN HISTORY

<b>HISTORY MAJOR REQUIREMENTS</b> (overall cumulative and major GPA of 2.0 or higher required)		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
HIS 1010	History of Western Civilization I	3
HIS 1020	History of Western Civilization II	3
HIS 1070	U.S. History I	3
HIS 1080	U.S. History II	3
HIS 3000	Introduction to History Research and Writing (minimum grade of C-)	3
<b>Must take at least ONE course from each area below with no more than four in any one area counting toward major requirements.</b>		
U.S. HISTORY	HIS 3600/4600 through HIS 3750/4750	18
EUROPEAN HISTORY	HIS 3355/4355 through HIS 3552/4552 and HIS 3930/4930	
CROSS-CULTURAL HISTORY	HIS 3120/4120 through HIS 3300/4300 and HIS 3770/4770	
HIS 4900*	Research Seminar in History (minimum grade of C- and must complete HIS 3000 first)	3
<b>TOTAL</b>		<b>36</b>

\*Students who cannot take HIS 4900 for scheduling reasons, may, with permission of the instructor and chair, take a 3000-level course for 4000-level credit by completing a research paper in addition to the other requirements of the course. Students taking this option must also earn a grade of C- or better. Students majoring in history are encouraged to take upper-level courses in other disciplines, especially Philosophy, Religious Studies, Women's Studies or Appalachian Studies.

## CONCENTRATIONS

Students who wish a more focused major in history may choose one of two concentrations: Public History or Intellectual History/Philosophy.

### **PUBLIC HISTORY CONCENTRATION**

The public history concentration exposes students to how history is presented to and received by the public. Public historians are employed in museums, national parks, libraries and archives and other historical sites. Public historians teach history outside of the traditional classroom setting.

<b>PUBLIC HISTORY CONCENTRATION REQUIREMENTS</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
HIS 1010	History of Western Civilization I	3
HIS 1020	History of Western Civilization II	3
HIS 1070	U.S. History I	3
HIS 1080	U.S. History II	3
HIS 3000	Introduction to History Research and Writing (minimum grade of C-)	3
COM 1000	Public Speaking	3
HIS 3745	Introduction to Public History	3
HIS 3940	Internship in Public History	3
<b>History electives at 3000-level. Must include at least one of the courses below.</b>		
HIS 3XXX	HIS 3740 Appalachia HIS 3750 Local History HIS 3755 Historic Preservation HIS 3765 Museums and Archives HIS 3630 History of Virginia	3
HIS 3XXX	12 hours of upper-level history coursework.	12
HIS 4900	Research Seminar in History (minimum grade of C- and must complete HIS 3000 first)	3
<b>TOTAL</b>		<b>42</b>

### ***INTELLECTUAL HISTORY/PHILOSOPHY CONCENTRATION***

The intellectual history/philosophy concentration offers a more theoretical approach to the study of history.

<b>INTELLECTUAL HISTORY CONCENTRATION REQUIREMENTS</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
HIS 1010	History of Western Civilization I	3
HIS 1020	History of Western Civilization II	3
HIS 1070	U.S. History I	3
HIS 1080	U.S. History II	3
HIS 3000	Introduction to History Research and Writing (minimum grade of C-)	3
PHI 1030	Logic I	3
<b>History electives at 3000-level. At least 9 hours must be chosen from list below.</b>		
HIS 3XXX	HIS 3450 Intellectual History of Europe in the 19th Century HIS 3460 Intellectual History of Europe in the 20th Century	9

	HIS 3750 Intellectual History of the United States HIS 3930 Philosophy of History PHI 3052 Ancient and Medieval Philosophy PHI 3062 Modern Philosophy PHI/REL 3300 Philosophy of Religion	
HIS 3XXX	6 additional hours of upper-level history coursework.	6
PHI/REL 3XXX	Philosophy or Religion Elective at 3000-level	3
HIS 4800	Research Seminar in Intellectual History/Philosophy (minimum grade of C- and must complete HIS 3000 first)	3
<b>TOTAL</b>		<b>42</b>

### Minor Requirements

<b>HISTORY MINOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
HIS 3000	Introduction to History Research and Writing (minimum grade of C-)	3
<b>15 Additional hours in history, at least 9 of which must be at 3000/4000-level</b>		
HIS XXXX	History courses at any course number level	6
HIS 3XXX	Upper-level history courses	9
<b>TOTAL</b>		<b>18</b>

<b>PHILOSOPHY MINOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
PHI XXXX	Philosophy course at any number level	3
PHI XXXX	Philosophy course at any number level	3
<b>At least 12 additional hours in philosophy at 3000/4000-level</b>		
PHI 3XXX	Upper-level philosophy courses	12
<b>TOTAL</b>		<b>18</b>

<b>RELIGIOUS STUDIES MINOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
REL 3000	Religions of the World	3
<b>15 Additional hours in religion courses, at least 9 of which must be at 3000/4000-level. PHI, HIS or other disciplines may satisfy requirements with approval from department.</b>		
REL XXXX	Religion courses at any course number level	6
REL 3XXX	Upper-level history courses	9
<b>TOTAL</b>		<b>18</b>

# UVA WISE/APPALCHIAN SCHOOL OF LAW

## ACCELERATED 3+3 DUAL DEGREE PROGRAM

### For Declared History Majors

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**Faculty Contact:** Tom Costa

Students who are interested in attending the Appalachian School of Law (ASL) will have an opportunity to earn their Bachelor's degree from UVA Wise and a Juris Doctor from ASL in only six years. Application to the Appalachian School of Law must be received by January 1 of the calendar year in which the student desires to enroll in the law school.

#### **PROGRAM ELIGIBILITY**

To be eligible to participate in the dual degree agreement (DDA), students must:

1. Obtain permission from the appropriate faculty within the Department of History and Philosophy to pursue accelerated study (after completing the application process).
2. A student must complete 90 hours to transfer to ASL. As part of those hours, a student must complete all of their general education Liberal Arts Core requirements and all required history course credits, as outlined in #3.
3. Students must complete their 36 hours of history major core competencies. This includes:
  - A. HIS 1010 and 1020 – Western Civilization I and II;
  - B. HIS 1070 and 1080 – US History I and II;
  - C. HIS 3000 – Introduction to Historical Research and Writing;
  - D. HIS 4900 – Research Seminar in History;
  - E. At least 18 hours of 3000-level HIS classes, including one each in US, European, and Cross-Cultural History.

Having completed the liberal arts core requirements of the College and the required courses for a major in History, students must take additional electives to have earned at least 90 hours from UVa-Wise by the end of the third term. This will allow students to transfer a maximum of 30 hours from ASL to complete the required 120 hours for a degree from UVa-Wise.

4. Students who wish to complete one of the Concentration areas in history (Public History or Intellectual History/Philosophy) must complete the required courses within the chosen concentration area.
  - a. Students majoring in History with a **Concentration in Public History** must complete the basic major requirements in #3, as well as the courses required for the Concentration as outlined in the concentration area above.
  - b. Students majoring in History with a **Concentration in Intellectual History/Philosophy** must complete the basic major requirements in #3, as well

as the courses required for the Concentration as outlined in the concentration area above.

5. Maintain a minimum cumulative undergraduate grade point average of 3.5 in the major and an overall cumulative GPA of 3.00 as calculated by the Law School Admission Council. This GPA must be achieved at the time of application to the DDA program and maintained throughout enrollment at the Institution.
6. Obtain an LSAT score equal to or exceeding 153. (If LSAC changes the scoring scale for the LSAT, this minimum LSAT score will be revised accordingly.)
7. Acceptance is considered provisional until the student submits a 3+3 Schedule Plan Form, obtained and approved by their academic advisor.
8. GPA will be confirmed at the end of each semester. Students whose GPA falls below 3.5 in the major and/or 3.0 overall will have one semester to return to the minimum GPA. Failure to do so will trigger forced withdrawal from the program. If this occurs in the final semester prior to matriculation at ASL, this will trigger forced withdrawal from the program.

### **ASL ADMISSION PROCESS**

1. Complete and submit a DDA Participation Form in the freshman or sophomore years of undergraduate study (or equivalent) to the Office of Admission, Appalachian School of Law, 1169 Edgewater Drive, Grundy, Virginia 24614.
2. Take the LSAT no later than December of the "junior" undergraduate year, and obtain a score equal to or exceeding 153.
3. Submit the completed ASL JD application through the Law School Admission Council by January 1 of the "junior" academic year. This application includes a personal statement, a resume, recommendations, transcripts, and any other requested materials.
4. Complete an interview with the admission staff of ASL.

Students shall be notified by phone and in writing of admission to ASL. UVA Wise will also be notified in writing of the student's admission to the law school. Students shall receive the bachelor's degree from UVA Wise immediately upon successful completion of the first year courses of ASL for the DDA program in accordance with UVA Wise's normal graduation procedures. Students need to submit an official ASL transcript to the Office of the Registrar, UVA Wise, 1 College Ave., Wise, VA 24293. DDA program begin date is fall of 2020. If a student does not complete the 1L year of the Appalachian School of Law within three years of having completed their junior year at UVA Wise they will be understood as having been withdrawn from the 3+3 program and may complete their final year at UVA Wise within the College's standard parameters.

### **HOW TO BEGIN THE PROCESS**

1. At the beginning of their sophomore year at UVA Wise, interested students can log on to the student portal ([my.uvawise.edu](http://my.uvawise.edu)). Click on the Students tab at the top of the page. Choose Electronic Student Forms from the navigation pane on the left. Complete the formal application and submit.

2. Once submitted, you will receive an email notification that your request is being reviewed.
3. After review is complete, you will be contacted by the appropriate department representative.

**NOTE FOR NEW TRANSFER STUDENTS:** This program was designed for students who would be completing the majority of their coursework at UVA Wise. Interested students will be required to earn a minimum of 45 hours at UVA Wise. We welcome all interested students.

## COURSES IN HISTORY

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### **HIS 1010: History of Western Civilization I (3)**

The historical development of western institutions, ideas and cultures from antiquity to around 1500.

### **HIS 1020: History of Western Civilization II (3)**

The historical development of western institutions, ideas and cultures from around 1500 to the present.

### **HIS 1070: American History I (3)**

The history of the United States from the colonial period through Reconstruction.

### **HIS 1080: American History II (3)**

The history of the United States from Reconstruction to modern times.

**HIS 3000: Introduction to Historical Research and Writing (3)** Prerequisite: Sophomore or junior standing

An introduction to the research and writing of history. The course will provide an overview of the historical craft and offer training and guidance in developing a topic, and researching and writing a historical research paper.

**HIS 3020: Social Studies Teaching Methods (3)** Prerequisite: Junior or senior standing and admission to the TEP

A social studies method course intended to equip students to be effective middle and secondary social studies teachers by helping them to develop knowledge and skills suitable for the classroom. Requires 20 hours field experience/observation in a 6-12 classroom. Note: This course is a requirement for all history majors seeking a license to teach, but will not count as an upper level history course for purposes of satisfying the major.

### **HIS 3120/4120: The Middle East and the Arab World in the 20th Century (3)**

The breakdown of the Ottoman Empire and the post-World War I creation of the various Middle Eastern states of today, from Egypt to Iran, the development of oil economies, divisions within Islam, the Arab-Israeli conflict, the rise of Iran, and attempts to create Arab unity. Emphasis will be placed on events and developments since 1900.

### **HIS 3160/4160: Africa and the Slave Trade to 1800 (3)**

A survey of African history from pre-contact societies in sub-Saharan Africa to 1800, including sub-Saharan Africa to about 1600, the impact of Islam and the empires of West Africa; slavery in Africa and the introduction of slavery to the Americas, the Middle Passage, the development of slavery in Latin America and North America.

**HIS 3180: Colonial Africa and the Modern African Diaspora (3)**

A study of Africa since 1800 with a focus on European imperialism in the 19th century, decolonization and African nationalism in the 10th and 21st centuries and the African diaspora with an emphasis on Africans in the Americas.

**HIS 3230/4230: The Age of Global Contacts (3)**

Surveys the oceans' roles as highways for goods, services, and peoples. Each major oceanic region will receive analysis in regards to its specific history of human interactions, especially in the age of European expansion and under globalization, and the effects of these interactions on civilizations.

**HIS 3260/4260: Colonial Latin America (3)** Prerequisites: Western Heritage sequence-6 hours  
Pre-Columbian America, the coming of the European conquerors, colonial Latin America, and the rise of nationalism.

**HIS 3270/4270: Modern Latin America (3)** Prerequisites: Western Heritage sequence or HIS 3260

This course traces the history of the region from post-independence until the present day. Emphasis is on the failure of republican institutions and the rise of caudillos, the neocolonial status of the region, and the various revolutions of the twentieth century from the Mexican revolution to the Sandinista Revolution.

**HIS 3300/4300: Byzantium and Islam: The Medieval Mediterranean (3)**

A political, social, economic, and cultural survey of the Mediterranean region from the fourth century to the fifteenth, focusing of the Byzantine Empire, the rise and spread of Islam, and relations between the European and Arab worlds.

**HIS 3355/4355: Medieval Europe I: The Making of Europe (3)**

An examination of the foundations of Europe from the German migrations and the transformation of the Roman Empire, to the wave of invasions by Vikings and other groups and the creation of a fragmented, feudal Europe. The early developments of European political and social institutions are covered along with the process of Christianization.

**HIS 3360/4360: Medieval Europe II: The European Take-Off (3)**

Follows the rapid expansion in size, wealth, and complexity of Europe during the first half of the second millennium AD. We shall investigate the dynamic political, social, economic, and cultural changes occurring in the High Middle Ages, followed by the catastrophe of the Black Death, its various effects, and the responses that will begin moving Europe in the direction of its modern form.

**HIS 3380/4380: French Revolution and Napoleon (3)**

This course will trace the causes and outbreak of revolution in 1789, the establishment of the revolutionary government and the fall of the monarchy, the Terror under Robespierre, the rise and fall of Napoleon Bonaparte.

**HIS 3410/4410: Early Modern Europe from 1500 to 1789 (3)**

Early Modern Europe from the end of the Middle Ages to the eve of the French Revolution, focusing on the outstanding political, social, and cultural developments that begin what we call modernity: the Reformations, the Expansion of Europe, the Modern State, the Gunpowder Revolution, the Scientific Revolution, and the Enlightenment.

**HIS 3420/4420: Modern Europe from 1789 to 1914 (3)**

A study of the history of Europe during the 'long' nineteenth century—from the French Revolution to World War I, with a focus on political, cultural, and social developments during this period. Topics include political ideologies, the rise of nationalism, and the important cultural movements of romanticism, realism, and positivism.

**HIS 3430/4430: Modern Europe from 1914 to the Present (3)**

The study of Europe during the First World War, the rise of fascism, World War II and post-World War II Europe.

**HIS 3450/4450: Intellectual History of Europe in the 19th Century (3)**

Topics include romanticism, German idealism, the rise of the social sciences, and three traditions of political thought: liberalism, socialism, and the politics of cultural pessimism. (Dual listing with PHI 3450)

**HIS 3460/4460: Intellectual History of Europe in the 20th Century (3)**

Readings and discussions on selected topics of 20th century European thought. Topics include existentialism, the impact of science and technology, political thought, and others. (Dual listing with PHI 3460)

**HIS 3470/4470: Women in European History (3)**

A study of the history of women in Europe from prehistory to the present, with primary emphasis on the Early Modern and Modern eras. The course will stress developments in the following areas: the nature and extent of women's participation in the public realm, educational opportunities for women, women's economic roles, the impact on women's lives of societal and cultural attitudes about women, the impact of major developments in western civilization on women's lives, and the accomplishments and contributions of individual women.

**HIS 3500/4500: History of England to 1660 (3)**

English life and the development of English institutions—monarchy, Parliament, common law, the Church—from Roman Britain to 1660.

**HIS 3510/4510: History of England since 1660 (3)**

The development of English and British political institutions, and the growth of British commercial and industrial and intellectual power, from 1660 to the 20th century.



**HIS 3515/4515: History of Modern Russia (3)**

The history of imperial Russia from Peter the Great to the Bolshevik Revolution, the Soviet regime.

**HIS 3520/4520: History of Nazi Germany (3)**

This course examines the political, societal, and intellectual origins of the anti-democratic impulse in Germany after 1919. It also examines the growth of the totalitarian one-party state, the rise of Hitler, World War II and the Holocaust.

**HIS 3552/4552: History of the Early Church (3)** Prerequisite: HIS 1010 or permission of instructor

The history of ancient and mediaeval Christianity, including the origins and spread of the church, the emergence of its organization, its relations with non-Christian groups and the secular authorities, the development of Church literature, and the evolution of doctrine.

**HIS 3600/4600: American Military History (3)**

A study of American military activities and institutions in war and peace from the colonial period to the Persian Gulf.

**HIS 3620/4620: Colonial America to 1763 (3)**

The study of the English background and settlement of North America; the development of colonial political, social, economic and ecclesiastical institutions to 1763; backcountry issues and the significance of the French and Indian War.

**HIS 3625: Religion in Early America (3)**

A study of the religious foundations of the United States, from the European religious background through colonial religious developments and the effects of the American Revolution, and religion in the early national period through the 1840s.

**HIS 3630/4630: History of Virginia (3)**

The development of colonial institutions as influenced by frontier conditions and British policy and culture. A survey of Virginia history from colonial times to the present.

**HIS 3640/4640: Foreign Policy of the United States since 1900 (3)** Prerequisite: HIS 1080

An examination of American foreign policy since 1900. The class emphasizes the foundations and the implementation of policy and examines the extent to which policy has remained consistent through the 20th century. Topics include the world wars, the development and end of the Cold War, and American involvement in the Middle East.

**HIS 3650/4650: Women in American History (3)**

This course examines the history of women in the United States from the pre-colonial period to the present, and will consider the experiences of women of different races, classes and ethnic groups regarding work, family, sexuality and social/political activism.

**HIS 3660/4660: Jefferson's America (3)**

The coming of the American Revolution; Confederation and Constitution; the Federalist era and the rise of the first two-party system; the presidencies of Thomas Jefferson and James Madison; the War of 1812 and its aftermath; the significance of slavery in the early republic.

**HIS 3665/4665: Expanding America, 1815-1850** (3) Prerequisite: HIS 1070

An examination of American history from the aftermath of the War of 1812 to the Compromise of 1850. It covers the forging of a national identity, politics and culture in Jacksonian America, the market revolution and the coming of industry, slavery and expansion, religion and reform.

**HIS 3670/4670: Civil War and Reconstruction** (3) Prerequisite: HIS 1070

A study of the middle period of American history in the 19th century with emphasis on the social, political, economic and military aspects of the Civil War and Reconstruction.

**HIS 3700/4700: The South** (3)

A study of the development of southern social, economic, political, and ideological trends and institutions, with particular emphasis on slavery, Civil War, Reconstruction, segregation, and civil rights.

**HIS 3705/4705: Gilded Age America** (3) Prerequisite: HIS 1080

This course offers a thematic approach to the key issues of the Gilded Age, defined as 1877-1917. It will explore the impact of the Civil War, the role of third party politics, the development of America's diplomatic and military policy since Reconstruction, the role and impact of race and gender, and the industrialization and urbanization of the nation.

**HIS 3710/4710: United States, 1900-1945** (3) Prerequisite: HIS 1080

An examination of the first half of the "American Century," concentrating on the response to industrialization and reform, the birth of the modern liberal state, and the arrival of America as a world power.

**HIS 3720/4720: United States Since 1945** (3) Prerequisite: HIS 1080

A continuation of HIS 3710/4710. An examination of the American economic, political, and social scene in the Cold War era and during a period of great social upheaval, as well as the roots and course of the Cold War, the '60s, civil rights, the impact of Watergate, resurgent conservatism, and the end of the Cold War.

**HIS 3725: America in the Age of Sex, Drugs, and Rock and Roll** (3)

An examination of United States history from the 1960s to the present. Topics include the social upheavals of the 1960s and the return to conservatism which began in 1968 and accelerated in the 1980s and 1990s. Through study of the culture and politics of each decade the course will focus on the ways in which the developments of the era affected different groups of Americans.

**HIS 3730/4730: Intellectual History of the United States** (3)

A survey of the intellectual history of the United States from the Constitutional debates to the present. Topics which may be included are federalism and anti-federalism, transcendentalism, social Darwinism, socialism, liberalism, pragmatism, African-American thought, environmentalism and feminism. (Dual listing with PHI 3730)

**HIS 3735: Reform and Reaction: Social and Political Movements of the Twentieth Century** (3)

An exploration of the history and role of various social and political movements in twentieth-century American Politics. Traces the rise of the movement as a form of political expression and

activism from its nineteenth century roots to its modern manifestations in an examination of such topics as the highly successful Temperance Movement to the modern Tea Party Movement. Each movement's origins, history, goals and objectives, and tactics and strategies will be analyzed.

**HIS 3740/4740: Appalachia** (3)

The course surveys the history of the Appalachian region from pre-European contact to the present. Special emphasis will be placed on the environmental history of the mountains and the effects of industrialization (timbering, coal, textiles, etc.) on the people.

**HIS 3745/4745: Introduction to Public History** (3)

Introduction to the field of public history: how historians interpret and present the past to the public at large. Lecture and discussion topics include collective memory, oral history and historic preservation. Students will also work on projects at local history museums, historic sites, or archives.

**HIS 3750/4750: Local History** (3)

A course examining local and regional history as a part of the larger Appalachian region and nation. Examination of sources, methods and practices of local history will culminate with a project element to allow students a more diverse educational experience.

**HIS 3755: Historic Preservation** (3)

This course introduces students to the field of historic preservation, a discipline dedicated to the long-term protection and care of the built environment. Students in this class will develop knowledge of architectural history and will be able to recognize how architectural styles and features changed over time. Students will also learn about motivations for and challenges to historic preservation initiatives. They will become familiar with the National Register of Historic Places nomination process, and a core component of this class will be a community project, which typically involves drafting historic designation proposals to submit to granting agencies.

**HIS 3765: Museums and Archives** (3)

This class introduces students to museums and archives by emphasizing their history and by framing them in the context of the development of public history. Students will analyze them as dynamic social constructs that reflect the values and worldviews of their creators and constituents. Students will also learn about the key functions of museums and archives, including collections management, fundraising, interpretation, and organizational structures. The course will include guidance on professional development in the field.

**HIS 3930/4930: Philosophy of History** (3)

Readings and discussion of problems in contemporary historiography. Focus is given to the opposing positions of post-modernism (Lyotard, Foucault) and world systems analysis (Wallerstein). Dual listing with PHI 3930/4930.

**HIS 3940: Internship in Public History/Appalachian Studies** (3) Prerequisite: HIS 3745 or permission of instructor

An internship affords students the opportunity to apply principles of history and public history into a practical, employment setting. Students will complete designated internship hours under

the supervision of a professional public historian in coordination with the assigned academic curriculum major. Public history/Appalachian Studies internships can include a variety of types of organizations, including museums, historic preservation agencies, historical societies, archives, state and regional parks, and other government and private agencies and community-based organizations which present history to the public.

**HIS 3950/4950: Special Topics** (3)

**HIS 4780: Readings in European History** (1-3)\*

**HIS 4790: Readings in American History** (1-3)\*

\*Note: Before a student may be registered in HIS 4780 or HIS 4790, he or she must present (a) the title of his or her reading project; (b) a statement of the course objectives; (c) a full bibliography containing those books and articles which will be read; and (d) a description of any special research projects which the student intends to carry out as part of the course.

**HIS 4800: Research in Intellectual History/Philosophy** (3) Prerequisite: HIS 3000

A directed research project in Intellectual History and/or Philosophy. Students will work independently with one or more departmental faculty to produce a research paper in a topic relating to Intellectual History and or Philosophy. Students will present their findings orally. This course serves as the capstone for the Intellectual History/Philosophy concentration within the History major.

**HIS 4900: Research Seminar in History** (3) Prerequisite: HIS 3000

A content-based research seminar in History. Students will research and write a paper on a topic in History. This course will be offered each semester, with topics rotating between U.S., European, and cross-cultural history. This course is intended as the capstone to fulfill the 4000-level research paper required of all history majors.

## COURSES IN PHILOSOPHY

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**PHI 1030: Logic I** (3)

An introduction to the basic concepts and techniques of logical analysis.

**PHI 1040: Theories of Human Nature** (3)

An examination of the theories of human nature from both classical and contemporary sources, philosophical, scientific and religious. (Dual listing with REL 1040.)

**PHI 1110: Ethical Decision Making in the Modern World** (3)

An introduction to contemporary moral theory and its application to modern ethical dilemmas. Possible topics of discussion: Sexual morality, censorship, euthanasia, the ethical treatment of animals, abortion, drugs and gambling, cloning, the death penalty, terrorism and torture, reparations, and climate change.

**PHI 2950: Special Topics in Philosophy** (3)

**PHI 3020: Social and Political Philosophy** (3)

An examination of various theories of the state and of human society.

**PHI 3052: Ancient and Medieval Philosophy (3)**

A survey of philosophy from ancient Greece through medieval scholasticism. Special focus is given to the appropriation of classical Greek philosophy by the monotheistic traditions. (Dual listing with REL 3052.)

**PHI 3062: Modern Philosophy (3)**

A survey of philosophy from the 16th through the 20th centuries.

**PHI 3160: Asian Philosophy and Religion (3)**

A survey of Asian philosophy and religion including Hinduism, Jainism, Taoism, Buddhism, and Confucianism. (Dual listing with REL 3160.)

**PHI 3200: Environmental Ethics (3)**

The human relationship to the environment is examined from two perspectives: one's relationship to locality (a special focus will be given to Appalachian communities and places) and the global nature of environmental problems. Specific topics will include land use, planning, energy production and consumption, population, and environmental social justice.

**PHI 3300: Philosophy of Religion (3)**

A philosophical exploration of concepts, arguments, and definitions central to all religions. Topics may include arguments for and against the existence of God, the nature of religion, the problem of freedom and evil, the nature of religious experience, religious language, the relationship between science and religion, and the nature and destiny of humanity. (Dual listing with REL 3300.)

**PHI 3310: History of Ethics (3)**

The history of ethics, from Plato and Aristotle through the early 20th century, is critically surveyed. Special attention will be given to ethical intuitionism (Plato), virtue ethics (Aristotle, Aquinas), religious ethics (Bhagavad Gita, Hebrew and Greek Bible, Martin Luther King, Jr.), deontological ethics (Kant), utilitarianism (Bentham, Mill) and existentialism (Simone de Beauvoir). (Dual listing with REL 3310.)

**PHI 3450: Intellectual History of Europe in the 19th Century (3)**

Topics include romanticism, German idealism, the rise of the social sciences, and three traditions of political thought: liberalism, socialism, and the politics of cultural pessimism. (Dual listing with HIS 3450/4450.)

**PHI 3460: Intellectual History of Europe in the 20th Century (3)**

Readings and discussions on selected topics of 20th century European thought. Topics include existentialism, the impact of science and technology, political thought, and others. (Dual listing with HIS 3460/4460)

**PHI 3730: Intellectual History of the United States (3)**

A survey of the intellectual history of the United States from the Constitutional debates to the present. Topics which may be included are federalism and anti-federalism, transcendentalism,

social Darwinism, socialism, liberalism, pragmatism, African-American thought, environmentalism and feminism. (Dual listing with HIS 3730/4730)

**PHI 3930: Philosophy of History** (3)

Readings and discussion of problems in contemporary historiography. Focus is given to the opposing positions of post-modernism (Lyotard, Foucault) and world systems analysis (Wallerstein). (Dual listing with HIS 3930/4930.)

**PHI 4750: Readings in Philosophical Problems** (3)

**PHI 4970: Independent Study** (1-3)

## **COURSES IN RELIGION**

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**REL 1030: Comparative Mythology** (3)

An historical overview of major themes and types of world mythology.

**REL 1040: Theories of Human Nature** (3)

An examination of the theories of human nature from both classical and contemporary sources, philosophical, scientific and religious. (Dual listing with PHI 1040.)

**REL 2010: The Hebrew Bible in Historical and Cultural Context** (3)

In this course the student is introduced to the academic study of the Hebrew Bible/Old Testament. Topics covered will include its composition, historical development and interpretation. Special emphasis is placed on the Old Testament against the backdrop of its historical and cultural setting in the ancient Near East.

**REL 2020: The New Testament and Early Christianity** (3)

This course provides a historical study of the origins of Christianity by analyzing the writings of the earliest Christian movements. Topics will include the lost Gospels and other apocryphal writings as well as the emergence of the canonical books of the New Testament.

**REL 3000: Religions of the World** (3)

An exploration of the basic notions and meanings that constitute beliefs and world views of the major part of humanity. The history, philosophy, sociology, psychology and anthropology of religion will be analyzed in order to discuss how the major religious systems have answered questions about God, future life, the moral responsibility of man, understanding of our world, etc. and how these beliefs shape behaviors, social order, laws and mentality of man within different cultures past and present.

**REL 3010: Theories of Religion** (3)

This course will explore main theories of religion from the multidisciplinary scientific (including social sciences) and theological perspectives. A study of the origin and development of religious phenomena that consist of several classic attempts to develop comprehensive theories of religion as well as new theories by modern hard natural sciences such as genetics and neurology.

**REL 3020: Religion and Science** (3) Prerequisite: sophomore standing or above

A comprehensive study of the relationship between religion and science. The first part of the course will be an investigation of the appearance of an independent philosophical thinking in Greece and the relationship between religion and science within the Theocentric worldview of the Middle Ages and the Anthropocentric worldview of the Renaissance. The second part of the course will be an investigation of how and why since the 17th century science gained its autonomy over religion. Examination of topics in evolutionary biology, new physics, neurology and genetics will facilitate discussion of the current relationship between religion and science.

**REL 3030: One Nation Under God? Religion in Contemporary America** (3) Prerequisite: sophomore standing or above

This course will examine the variety of ways in which religion is experienced in the contemporary American world view. Two aspects in particular will be taken into account: the changes that have happened and are happening within traditional historical religions in America, namely Christianity and Judaism; and an emphasis upon new religious groups which have evolved within American society.

**REL 3052: Ancient and Medieval Philosophy** (3)

A survey of philosophy from ancient Greece through medieval scholasticism. Special focus is given to the appropriation of classical Greek philosophy by the monotheistic traditions. (Dual listing with PHI 3052.)

**REL 3160: Asian Philosophy and Religion** (3)

A survey of Asian philosophy and religion including Hinduism, Jainism, Taoism, Buddhism, and Confucianism. (Dual listing with PHI 3160.)

**REL 3300: Philosophy of Religion** (3)

A philosophical exploration of concepts, arguments, and definitions central to all religions. Topics may include arguments for and against the existence of God, the nature of religion, the problem of freedom and evil, the nature of religious experience, religious language, the relationship between science and religion, and the nature and destiny of humanity. (Dual listing with PHI 3300.)

**REL 3310: History of Ethics** (3)

The history of ethics, from Plato and Aristotle through the early 20th century, is critically surveyed. Special attention will be given to ethical intuitionism (Plato), virtue ethics (Aristotle, Aquinas), religious ethics (Bhagavad Gita, Hebrew and Greek Bible, Martin Luther King, Jr.), deontological ethics (Kant), utilitarianism (Bentham, Mill) and existentialism (Simone de Beauvoir). (Dual listing with PHI 3310.)

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## DEPARTMENT OF LANGUAGE AND LITERATURE

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**Degree:** Bachelor of Arts in English

**Majors:** English, French, Spanish, and Foreign Studies

**Chair:** John Cull

**Department Faculty:** John Mark Adrian, Clara-Christina Adame de Heu, Jonathan Crimmins, Jessica Daves, Emily Dotson, Amelia J. Harris, Gillian Huang-Tiller, Joseph Kern, Gretchen Martin, Sheila Rhea McNulty, Cynthia Newlon, Veronica Rodriguez, Kenneth J. Tiller, Donald Trivett, Marla L. Weitzman

**English Coordinator:** Jonathan Crimmins

**Foreign Language Coordinator:** John Cull

The Department of Language and Literature offers majors in English Literature, French, Spanish, and Foreign Studies leading to the Bachelor of Arts degree. Majors are offered in Foreign Studies with a concentration in French, German or Spanish. The department offers minors in English, French, German, Hispanic and Hispanic-American Studies, and Spanish.

### ***APPLICATION PROCESS***

Those who wish to earn the Bachelor of Arts degree in Language and Literature must complete the following procedure:

1. Submit to department chair a degree application and a copy of the student's degree audit report. In order to be accepted into the department majors, students must have a 2.0 GPA overall and a 2.3 GPA in courses taken for the major. To be considered, students must have completed 9 hours of courses labeled 3000 or above (for English majors) and 9 hours of courses labeled 2000 and above (for French, Spanish and Foreign Studies majors.)
2. The student will be advised in writing of the department's decision on the application to major. Upon acceptance, the student will be assigned an advisor to assist in developing a schedule of courses to complete the major.
3. This procedure generally takes place by the first semester of the student's junior year to ensure that the student has completed the Liberal Arts Core requirements, and to provide time to complete the major requirements in a reasonable fashion.

From time to time, the department will review the progress of the student. The student's advisor shall inform the student about the conclusions of the departmental review.

### ***ENGLISH PLACEMENT***

Because effective writing is directly connected to successful completion of a college degree, freshmen entering the College must register for the freshman English course appropriate to their writing abilities. Placement in freshman English courses is determined by the following:

1. The student's SAT or ACT scores;



2. The student's high school record;
3. The student's score on the Advanced Placement Program.

Entering freshmen will initially be placed according to the above criteria. However, they will also be required to write an essay on the first day of class. After reading the essay and reviewing the student's scores, the department will place the student according to the following norms:

- **English 0099:** a course of study geared to remedy deficiencies indicated by the written sample and/or where the student's SAT score is less than 400 Verbal (16 ACT). Students placed in English 0099 must successfully complete the course before they may register for English 1010. Unless exempted by the Registrar, the student may repeat English 0099 once. The student may gain credit for the course by examination.
- **English 1010-1020:** These are the standard English freshman writing courses. Placement in English 1010 is by way of submitting an acceptable writing sample on the first day of class with the attendant SAT scores above 400 verbal and an appropriate high school record. The student must complete English 1010-1020 in semester sequence during the first year.
- **English 1030:** To provide the exceptionally well prepared student the opportunity to write at the advanced level, the department offers English 1030 Honors. Placement in English 1030 shall be on the basis of high school record, an outstanding writing sample on the first day of class and SAT verbal scores of 500 or above. Students who score 3 or 4 on the Advanced Placement Examination may also be placed in English 1030. Successful completion of English 1030 with a grade of C- shall satisfy the Liberal Arts Core requirement and the student will be awarded 6 hours of credit toward graduation. Students who score a 5 on the Advanced Placement Examination may be exempted from both English 1010-1020; such students will also be awarded 6 hours of credit in English toward graduation.

Because the department concludes that successful completion of Freshman English is fundamental to any advanced study in English, it requires that the student shall have successfully completed this requirement before any student may register for any advanced English course, 2000 or above. Should a student attempt an advanced course before completion of the freshman requirement, the student will not receive credit for the upper level English course. (Where appropriate, the Freshman English requirement includes both English 1030 and exemption by Advanced Placement scores.)

### ***FOREIGN LANGUAGE PLACEMENT***

Advanced placement in foreign language also will be granted on the basis of scores on the Advanced Placement Examination, departmental examinations, and the student's level of secondary school work in foreign language.

All students who have studied two semesters with an average of C or better must take the departmentally sponsored placement tests in order to be placed in an appropriate language course.

French 1010-1020, German 1010-1020, and Spanish 1010-1020: These are the standard foreign language courses that may be used to satisfy the Liberal Arts Core requirement in language. Placement in 1010 of a foreign language course is automatic for students who have not taken

the placement test and who have little or no preparation in foreign language. Placement in 1020 or higher in foreign language may be obtained by departmental placement examination.

A student with three years or more of high school language with a "B" average or better may not take the 1010 course of a foreign language without departmental approval. Students with this background should enroll in the 1030 or 1020 course in the language of their preparation.

French 1030 and Spanish 1030: To provide the exceptionally well prepared student the opportunity to work at an advanced level, the department offers French 1030 and Spanish 1030. Students who have a combined SAT score of 950 and an "A" average in their high school French or Spanish classes, and have completed three or more years of the high school language may be placed in either French 1030 or Spanish 1030 without taking a placement test. Successful completion of French 1030 or Spanish 1030 with a grade of "C-" shall satisfy the Liberal Arts Core requirement and the student will earn 6 hours of credit toward graduation. Students must get a C- or higher in Accelerated Elementary Spanish (SPA 1030) in order to meet the six-hour foreign language requirement for the Liberal Arts Core. If they do so, they are awarded 3 credits from SPA 1010 as well as the three credits from SPA 1030 for a total of 6 credits. If they receive a D-, D, or D+ in the class, they may retake SPA 1030 with the same requirements or take SPA 1020 and pass in order to meet the foreign language requirement. Students with unique circumstances should consult with the Chair of the department.

## **ADVANCED PROFICIENCY FOREIGN LANGUAGE**

Students with advanced proficiency in German can satisfy the Liberal Arts Core requirement for foreign languages with a score of 5 on the College Board Advanced Placement Test.

Students with advanced proficiency in French or Spanish can satisfy the Liberal Arts Core requirement for foreign languages in one of four ways:

1. Completion of SPA 2020 or FRE 2020, or a course at a higher level, with a grade of C- or higher.
2. Taking the online ACTFL Placement Proficiency Test (APPT) and placing at the Intermediate Mid-level or higher.
3. Completion of two courses in a foreign language different from the one in which the student already has proficiency
4. A score of 5 on the College Board Advanced Placement Test in Language and Culture.

## **HONORS**

The Department of Language and Literature is pleased to award graduation with honors to distinguished students. To earn honors in English the student shall:

1. Maintain a 3.50 cumulative grade point average in courses taken on campus and courses transferred to UVA Wise;
2. Be nominated for honors by the student's departmental advisor and at least one other member of the department;
3. Submit a research paper in ENG 4980-4990 (Senior Thesis I & II) that is deemed distinguished by at least three members of the Department of Language and Literature.

## BACHELOR OF ARTS IN ENGLISH

The major in English is particularly helpful for students who wish to pursue studies in literature at the graduate level, teach English at the secondary level, attend law school or prepare for theological studies. Combined with other appropriate studies, the major in literature is excellent preparation for the fields of medicine and business.

### MAJOR REQUIREMENTS

1. Those who wish to major in English must complete the formal application process as listed above (see paragraphs 1-3).
2. Those majoring in English must achieve and maintain a cumulative grade point average of at least 2.00 in all courses in the major.
3. Each senior must schedule and complete an exit interview with English literature faculty prior to graduation.

<b>ENGLISH MAJOR REQUIREMENTS</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>Methods and Methodologies (Language and Theory)</b>		
Choose one course from the following:	ENG 3410 Introduction to English Linguistics ENG 3420 History of the English Language ENG 3450 Introduction to Literary Theory Students seeking teacher certification must take either ENG 3410 or 3420	3
<b>Literary Surveys of Historical Period</b>		
ENG 3270 OR ENG 3280	Survey of British Literature I OR Survey of British Literature II	3
ENG 3810 OR ENG3820	Survey of American Poetry and Prose I OR Survey of American Poetry and Prose II	3
<b>Capstone Courses</b>		
ENG 4980	Senior Thesis I	1
ENG 4990	Senior Thesis II	2
<b>Literature to 1800</b>		
Choose two courses from the following:	ENG 4000 Chaucer ENG 4010 Studies in Medieval Literature ENG 4050 Shakespeare's Early Plays ENG 4060 Shakespeare's Late Plays ENG 4100 18 <sup>th</sup> Century British Literature	6
<b>Literature after 1800</b>		

Choose two courses from the following:	ENG 4030 Modern and Contemporary Poetry ENG 4040 Modern and Contemporary Fiction ENG 4070 19th Century American Novel ENG 4080 British Romantic Literature ENG 4090 The Victorians ENG 4110 Southern Literature	6
<b>English Electives</b>		
Choose four courses from:	Non-teaching majors choose four courses numbered 3000 or higher. At least one course must number 3270 or higher. Students planning to teach must take EDU 3400 and either ENG 4050 OR 4060 and two additional courses numbered 3000 or higher.	12
<b>Diversity, Equity &amp; Inclusion (not additional hours but must be incorporated in the hours above)</b>		
ENG XXXX	Non-English Literature (ENG 3025, ENG 3050, ENG 3060, ENG 3120 or any foreign language courses numbered above 2020)	--
ENG XXXX	Literature of diversity (ENG 3010, ENG 3030, ENG 3090, ENG 3110, ENG 3170, ENG 3190)	--
<b>TOTAL MAJOR</b>		<b>36</b>

### MINOR IN ENGLISH

<b>ENGLISH MINOR</b>		
<b>18 Hours at 3000-Level or Above</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
ENG 3450	An Introduction to Literary Theory	3
ENG 4XXX	At least one 4000-level English course	3
<b>At least 12 additional hours in English at 3000/4000-level</b>		
ENG 3XXX	<b><i>Upper-level English courses</i></b>	12
<b>TOTAL</b>		<b>18</b>

### LICENSURE FOR TEACHING ENGLISH

Students who wish to pursue the Virginia College Professional Certificate with endorsement to teach English in secondary grades 6-12 must complete Liberal Arts Core courses and courses for the English major, professional studies courses, the teaching internship, and meet requirements for admission and retention in the UVA Wise Teacher Education Program (TEP). Students must have a GPA of at least 3.0 in 3000-level or above courses in the major to receive a departmental

recommendation to the TEP. Changing state requirements may alter this course list. The student should check with the Director of Teacher Education on a regular basis.

## FOREIGN LANGUAGE MAJORS, FOREIGN STUDIES MAJOR, MINORS, AND CERTIFICATION

A major in Spanish, French, or Foreign Studies can be earned through the Liberal Arts and Sciences degree program. A minor in foreign languages can be earned in French, Spanish, Hispanic and Hispanic-American Studies, or German. The following are requirements for all foreign language and Foreign Studies majors:

1. Students who wish to major in a foreign language or Foreign Studies must complete the formal application process as listed above.
2. The student shall select French, Spanish, Hispanic and Hispanic-American Studies, or Foreign Studies. If choosing foreign studies, the student will select a concentration in French, German or Spanish.
3. Each student must compile a portfolio of three papers written for foreign language classes during his or her study at UVA Wise. This portfolio will be kept in the foreign language coordinator's office.
4. Each student must schedule and complete an oral interview and an exit interview with foreign language faculty prior to graduation.

Students who double major in two languages may use their courses in one language to satisfy the required 12-14 hours of related electives in the other language. Students who double major in French or Spanish and in another discipline are not required to take twelve hours of a second foreign language. A student who double majors in foreign studies and in another discipline may use courses from the second major to satisfy the foreign studies major requirement of 15 hours in a second discipline.

## BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES FRENCH MAJOR

FRENCH MAJOR REQUIREMENTS		
COURSE CODE	TITLE	CREDIT HOURS
<b>CORE REQUIREMENTS – 25 HOURS TOTAL</b>		
FRE 2010	Intermediate French I	3
FRE 2020	Intermediate French II	3
XXX 1010 XXX 1020 XXX 2010	Second foreign language sequence numbered 1010 through 2020	12

XXX 2020		
FRE 3010	Introduction to French Civilization	3
<b>3000/4000 Level Coursework in Civilization, Grammar/Linguistics, Literature and one interdisciplinary elective approve by foreign language faculty</b>		
<b>Select six (6) hours from the following:</b>		
FRE XXXX OR LAN XXXX	FRE 3110 Phonetics and Linguistics FRE 3210 Advanced French Composition LAN 3820 Methodology of Teaching a Foreign Language	6
<b>Select twelve (12) hours from the following:</b>		
FRE XXXX FRE XXXX FRE XXXX FRE XXXX	FRE 3780 Survey of French Literature I (3) FRE 3790 Survey of French Literature II (3) FRE 4550 French Theater (3) FRE 4560 French Novel (3) FRE 4570 French Poetry (3) FRE 4610 French Literature of the Renaissance (3) FRE 4710 French Literature of the 17th Century (3) FRE 4810 French Literature of the 18th Century (3) FRE 4910 French Literature of the 19th Century (3) FRE 4950 Special Topics: Novel/Film/Poetry/Theater (1-3) FRE 4960 Special Topics in French (1-3)	12
<b>Select nine (9) hours of 3000/4000-level courses from the following: (or elective courses approved by foreign language faculty)</b>		
ART OR COM OR ENG OR FRE OR GER OR HIS XXXX	ART 3500 History of Art I (3) ART 3510 History of Art II (3) ART 3520 20th Century Art (3) ART 3540 World Art (3) COM 3210 Introduction to Film Analysis (3) ENG 3120 Topics in World Literature (3) ENG 3050 Western Literary Tradition I (3) ENG 3060 Western Literary Tradition II (3) ENG 3450 An Introduction to Literary Theory (3) FRE 3890 Studies in French Culture and Literature in Translation (3) GER 3920 German Lit. of the Mid. Ages and Ren. in Translation (3) HIS 3260/4260 Colonial Latin America (3) HIS 3360/4360 Medieval Europe II: The European Take-Off (3) HIS 3450/4450 Intellectual History of Europe in the 19th C (3) HIS 3950/4950 Special Topics (3) PHI 3450 Intellectual History of Europe in the 19th Century (3) PHI 3460 Intellectual History of Europe in the 20th Century (3) PHI 3062 Modern Philosophy (3) SPA 3890 Studies in Hispanic Culture & Literature in English (3)	9
LAN 4910	Senior Thesis I	1
LAN 4920	Senior Thesis II	2

**TOTAL MAJOR****51**

## **BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES**

### **SPANISH MAJOR**

<b>SPANISH MAJOR REQUIREMENTS</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>CORE REQUIREMENTS – 25 HOURS TOTAL</b>		
SPA 2010	Intermediate Spanish I	3
SPA 2020	Intermediate Spanish II	3
XXX 1010 XXX 1020 XXX 2010 XXX 2020	Second foreign language sequence numbered 1010 through 2020	12
SPA 3210	Spanish Conversation	3
SPA 3270	Advanced Grammar and Composition	3
SPA 3280	Introduction to Hispanic Literature	3
<b>Select six (6) hours from the following:</b> (At least two of the above 3000-level courses MUST be taken before the following courses are taken.)		
SPA XXXX	SPA 3000: Introduction to Hispanic Civilization I (3) SPA 3010: Introduction to Hispanic Civilization II (3) SPA 3030: Immersion in Spain or Latin America (1-4) SPA 3830: History of the Spanish Language (3)	6
<b>Select six (6) hours from the following:</b>		
SPA XXXX	SPA 3150: Spanish Translation (3) SPA 3230: Spanish for the Professions (3) SPA 3250: Introduction to Spanish Linguistics (3) SPA 3260: Spanish Phonetics (3) LAN 3820: Methodology of Teaching Foreign Language (must be taken by all students who plan to teach Spanish) (3)	6
<b>Select nine (9) hours from the following:</b> (or elective courses approved by foreign language faculty)		
SPA XXXX	SPA 3500: Medieval-Golden Age Survey (3) SPA 3510: Colonial Latin American Literature (3) SPA 3600: 18th and 19th Centuries in Spain (3) SPA 3610: 18th and 19th Centuries in Latin America (3) SPA 3700: Modernism and the Vanguard in Latin America (3)	9

	SPA 3710: Contemporary Spanish Literature (3) SPA 3800: Contemporary Literature in Latin America (3) SPA 3810: Hispanic Film and Narrative (3) SPA 3950: Special Topics (3) SPA 4160: Seminar in Latin-American Literature (3) SPA 4260: Seminar in Spanish Literature (3) SPA 4950: Special Topics (1-3) SPA 4960: Special Topics (1-3) SPA 4970: Independent Research (1-3)	
LAN 4910	Senior Thesis I	1
LAN 4920	Senior Thesis II	2
SPA 4980: Study Abroad (9-18) may be used to fulfill some of the above requirements -- to be determined by the Spanish faculty and the Provost.		
<b>TOTAL MAJOR</b>		<b>51</b>

**MINOR IN HISPANIC & HISPANIC AMERICAN STUDIES**

<b>HISPANIC &amp; HISPANIC AMERICAN STUDIES MINOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
SPA XXXX	Any Spanish course beyond SPA 2020	3
SPA XXXX	Any Spanish course beyond SPA 2020	3
<b>At least 12 hours at the 3000/4000-level</b>		
After completing SPA 2020, students must take one course in each of the following categories: Language, Literature and History/Civilization.		
SPA 3XXX SPA 3XXX SPA 3XXX XXX XXXX At least nine (9) hours must be in Spanish	<b>Language:</b> SPA 3270: Advanced Grammar and Composition SPA 3210: Spanish Conversation SPA 3220: Spanish Composition SPA 3150: Spanish Translation I – Medical and Legal Documents <b>Literature:</b> SPA 3280: Introduction to Hispanic Literature (3) SPA 3500: Medieval-Golden Age Survey (3) SPA 3510: Colonial Latin American Literature ( 3) SPA 3600: 18th and 19th Centuries in Spain (3) SPA 3610: 18th and 19th Centuries in Latin America (3) SPA 3700: Modernism and the Vanguard in Latin America (3) SPA 3710: Contemporary Spanish Literature (3) SPA 3800: Contemporary Literature in Latin America (3) SPA 3810: Hispanic Film and Narrative (3) Special topics courses, seminars, and independent research are applicable as well (SPA 3950, 4950, 4160, 4260, and 4970).	12



	LAN 3820: Methodology of Teaching Foreign Language (3) (All students who plan to teach Spanish must take LAN 3820.) <b>History/Civilization:</b> SPA 3000/3010: Introduction to Hispanic Civilization I and II (6) SPA 3030: Immersion in Spain or Latin America (1-4) SPA 4980: Study Abroad (9-18) HIS 3260/4260: Colonial Latin America (3) HIS 3270/4270: Modern Latin America (3) HIS 3950/4950: Special Topics (History of Mexico) (3) REL 2010: The Hebrew Bible in Historical & Cultural Context (3) REL 2020: The New Testament and Early Christianity (3) REL 3010: Theories of Religion (3)	
Courses are to be selected in consultation with the Department of Language & Literature. A GPA of 2.5 is required in the courses in order to graduate with a minor in Hispanic and Hispanic American Studies.		
<b>TOTAL</b>		<b>18</b>

## BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES FOREIGN STUDIES MAJOR

The courses taken for the Foreign Studies major must be selected from one language, either French, German or Spanish. For a Foreign Studies major no second foreign language hours are required.

FOREIGN STUDIES MAJOR REQUIREMENTS		
COURSE CODE	TITLE	CREDIT HOURS
XXX 2010	SPA, FRE OR GER Intermediate I	3
XXX 2020	SPA, FRE OR GER Intermediate II	3
<b>24 Hours of 3000/4000-level coursework in FRE, GER or SPA</b>		
SPA, FRE OR GER	At least three credit hours must be taken in each of the following areas: civilization, grammar/linguistics, and literature. In the case of the Spanish concentration, these are the required courses. The civilization requirement is satisfied by either SPA 3010 or SPA 3000. The grammar requirement is satisfied by SPA 3270. Linguistics courses consist of SPA 3250, 3260 and 3830. Literature courses in Spanish: SPA 3280, 3500, 3510, 3600, 3610, 3700, 3710, 3800, 3810, 3950, 4160, 4260, 4950, 4960 and 4970.	24
<b>Students must complete 15 hours in a second discipline.</b> Courses must be pre-approved by the foreign language faculty.		

XXX XXXX XXX XXXX XXX XXXX XXX XXXX XXX XXXX	Second Discipline (See text below.)	15
LAN 4910	Senior Thesis I	1
LAN 4920	Senior Thesis II	2
<b>TOTAL MAJOR</b>		<b>48</b>

**Students who double major in two languages may use their courses in each language to satisfy the required 12-14 hours of related electives in the other language.** Students who double major in one language and in another discipline may use the courses from the second discipline to satisfy the required 12-14 hours of related electives in the language. A student who double majors in foreign studies and in another discipline may use courses from the second major to satisfy the foreign studies major requirement of 15 hours in a second discipline.

### **MINOR IN FOREIGN LANGUAGES**

<b>FOREIGN LANGUAGE MINOR REQUIREMENTS</b>		
To obtain a minor students will concentrate on one foreign language.		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
FRENCH	Eighteen hours of French courses, 12 hours selected from FRE 3000 or above.	18
GERMAN	Eighteen hours of German courses, 12 hours selected from GER 3000 or above.	
SPANISH	Eighteen hours of Spanish courses, 12 hours selected from SPA 3000 or above. A GPA of 2.5 is required in the Spanish courses in order to graduate with a minor in Spanish.	
<b>TOTAL MINOR</b>		<b>18</b>

### **LICENSURE FOR TEACHING A FOREIGN LANGUAGE IN PRE-K-12**

Students who wish to pursue certification to teach a foreign language at the Pre-K-12 level must meet the requirements for admission and retention in the Teacher Education Program. In addition to the required courses in foreign language, the student must take the professional studies requirements for secondary grades 6-12. Students must have a GPA of at least 3.0 in 3000-level or above courses in the major to receive departmental recommendation to the Teacher Education Program.

The applicant seeking an endorsement in a modern foreign language for Pre-K-12 shall complete a major or its equivalent in a modern foreign language, including a minimum of 24 credit hours of language course work above the intermediate level. Endorsement in a second foreign language may be obtained with 24 credit hours of course work above the intermediate level.

- A. **Option One** -- First endorsement: 24 credit hours. Experiences shall include course work in advanced grammar and composition, conversation, culture and civilization, and literature.
- B. **Option Two** -- Added endorsement in a second modern foreign language: 24 credit hours. Experiences shall include course work in advanced grammar and composition, conversation, culture and civilization, and literature.

**FRENCH** -- Specific content courses required for teacher certification in French include FRE 1010 or 1110, FRE 1020 or 1120, or FRE 1030, FRE 2010, and FRE 2020. Twenty-four hours of upper-division courses must include FRE 3010, FRE 3210, LAN 3820, plus 15 credit hours of upper-division courses in French literature, language or civilization.

**SPANISH** -- Specific content courses required for teacher certification in Spanish include SPA 1010, SPA 1020, or SPA 1030, SPA 2010, and SPA 2020. Twenty-four hours of upper-division courses must include SPA 3010 or 3000, SPA 3210, SPA 3270, and LAN 3820, plus any 12 credit hours of upper-division course work in Spanish literature and civilization.

**GERMAN** -- Specific content courses required for teacher certification in German include GER 1010 or 1110, GER 1020 or 1120, GER 2010 and GER 2020. Twenty-four hours of upper-division courses must include GER 3010, GER 3210, LAN 3820, plus any 15 credit hours of upper-division course work in German literature or language.

## COURSES IN ENGLISH

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### **ENG 1000: QS: Quest for Success: Writing Fundamentals (3)**

This course is designed as an academic and reflective experience of reading, creative and critical thinking, and academic writing. Students will engage in the development of advanced reading strategies through exposure to varied text genres and will generate ideas from those readings as a basis for composing college-level written assignments. Instruction will include a focus on organization, the development of content, proper documentation, and the application of standard written English. This course establishes a foundation for success in subsequent reading and writing intensive courses.

**ENG 1010-1020: Composition (6)** Prerequisite: passing grade on the proficiency examination or successful completion of specified portions of Speech and Writing Laboratory; ENG 1010 is prerequisite to ENG 1020.

Expository writing, ranging from single paragraph to essays of some length and complexity; study of the logical, rhetorical, and linguistic structures of expository prose; the methods and conventions of preparing research papers; and argumentation. Full-time students who have not

completed ENG 1010-1020 or the equivalent must enroll in the appropriate course in that sequence.

**ENG 1030: Honors Composition** (3) Prerequisite: Advanced Placement

After a rapid survey of the modes of expository writing, this course emphasizes analytical and argumentative composition with topics drawn from selected major works of American and English literature, as well as world literature in translation. In a seminar setting, all assignments will emphasize discussion, research and writing of high quality.

Note: All courses 2000 and above presume completion of ENG 1010 and 1020 or ENG 1030; credit for upper-level courses in English will not be given unless the student has successfully completed ENG 1010 and 1020 or ENG 1030.

**ENG 2050: Vocabulary I** (2) Prerequisites: Sophomore status

This course builds vocabulary and reading skills with roots and stems of the English language, practice exercises, and readings that reinforce and promote word-building skills, especially for those who plan on post-graduate work.

**ENG 2120/3120: Topics in World Literature** (3) Prerequisites: ENG 1010-1020

A study of works of foreign literature in translation. Examples include The German Novel, German Short Fiction, The Russian Novel, The Contemporary Novel, and The Double in Literature. Students seeking upper-level credit for this course will complete compositions or readings in addition to the assignments for ENG 2120.

**ENGL 2130/3130: Topics in American Literature** (3) Prerequisite: ENG 1020 or 1030

A study of selected themes in American literature. Students seeking upper-level credit for this course will complete compositions or readings in addition to the assignments for ENG 2130.

**ENG 2140/3140: Topics in British Literature** (3) Prerequisite: ENG 1020 or 1030

A study of selected themes in British literature. Students seeking upper-level credit for this course will complete compositions or readings in addition to the assignments for ENGL 2140.

**ENG 3000: Introduction to Literature** (3) Prerequisite: ENG 1020 or 1030

A survey of the various forms of literature with emphasis on a close reading of the text. Particular attention is given to the expression of student ideas in both written and oral forms.

**ENG 3010: Appalachian Prose and Poetry** (3) Prerequisite: ENG 1020 or 1030

A survey of the prose, poetry and drama of the Appalachian region. The study includes research in collection of local materials.

**ENG 3020: Greek and Roman Drama in Translation** (3) Prerequisite: ENG 1020 or 1030

A study of plays of major Greek and Roman dramatists with an interdisciplinary trans-cultural approach.

**ENG 3025: Dante's World** (3) Prerequisite: ENG 1020 or 1030

This course centers on the works of Dante Alighieri, arguably the most important poet of the European Middle Ages, and his contributions to the Western literature, art, and culture. It stresses Dante's synthesis of classical and Christian imagery in his masterpiece, the "Divine

Comedy"; his reconciliation of the secular fin amour tradition with the Christian vision of salvation; and his elevation of the vernacular Italian in a literary world dominated by Latin. We will also discuss Dante's enduring influence on literature, such as Chaucer, Spenser, and modern poets such as T. S. Eliot, and on art. The course will further situate Dante in the politics of late medieval Florence – the conflict between the Pope and the Emperor and between the aristocratic Ghibellines and bourgeois Guelphs. In addition to the "Divine Comedy," the class will discuss some of Dante's shorter works, notably his early philosophical treatises. Through in-depth discussion of Dante's work in context, we will assess his role in the transition from the middle ages to the Renaissance.

**ENG 3030: African-American Poetry and Prose** (3) Prerequisite: ENG 1020 or 1030

A survey of the prose, poetry and drama of African-American literature including works from the 19th and 20th centuries.

**ENG 3040: Literature of the Fantastic** (3) Prerequisite: ENG 1020 or 1030

A selection of fantastic literature within the western tradition from the pre-Christian to the modern era.

**ENG 3050: The Western Literary Tradition I** (3) Prerequisite: ENG 1020 or 1030

A survey of western literature from the Hebrews and Greeks through the Renaissance.

**ENG 3060: The Western Literary Tradition II** (3) Prerequisite: ENG 1020 or 1030

A survey of western literature from the Neo-classical period to modernism.

**ENG 3070: Arthurian Literature** (3) Prerequisite: ENG 1020 or 1030

The origins of the legend of King Arthur in British and Continental writing and the development of Arthur in literature from the Middle Ages to the present century. Major topics for consideration will include: the origins of the legend; Arthur and the Grail myth; Arthur in epic and romance; the Lancelot and Guinevere story; Arthurian revivals in the Renaissance, 19th, and 20th centuries; and the quest for the "historical" Arthur.

**ENG 3090: Asian American Literature** (3) Prerequisite: ENG 1020 or 1030

This course is designed to introduce students to the major works of Asian American writers, including the Eaton Sisters, Carlos Bulosan, Maxine Hong Kingston, Amy Tan, Hisaye Yamamoto, Bharati Mukherjee, John Okada, Li-Young Lee, and David Hwang. The course will pay particular attention to Asian American diasporic cultures and identity crises in Asian American communities. Issues for discussion: immigrant legacy, Asian American relations to the values and mores of the homeland or Confucian cultures, Asian American stereotypes, the "model minority" myth, family and community, and images of Asian American masculinity and femininity. We will also examine how Asian American writers over generations of assimilation, cultural, racial, and generational conflict have conveyed unique ethnic experiences that have enriched, and even changed, our understanding of the reality of modern American life.

**ENG 3100: Readings in Literature** (1-2)

The reading of a list of works agreed upon by the student and the department.

**ENG 3110: Women in Literature** (3) Prerequisite: ENG 1020 or ENG 1030

A study of representations of women will focus on transnational and multicultural literature by both male and female writers, with particular attention to the relationship between the traditional roles of women, female stereotypes, and the dilemmas women and women writers have encountered in search of their own identities and places. By juxtaposing male ideas of woman with women's struggles as individual selves, students will examine how a traditionally male-centered and masculinist culture and literature could be re-envisioned.

**ENG 3120: Topics in World Literature (3)**

See ENG 2120/3120

**ENG 3130: Topics in American Literature (3)**

See ENG 2130/3130

**ENG 3140: Topics in British Literature (3)**

See ENG 2140/3140

**ENG 3150: The Mystery Novel (3)**

Designed to satisfy the Liberal Arts Core requirement in English literature, this course will explore major works in the mystery tradition: works covered will include classic mystery writers, such as Arthur Conan Doyle and Agatha Christie, as well as works by modern practitioners of this popular but important genre. Students will get a background in the history of this type of novel as well as practice performing literary analysis.

**ENG 3160: The Knight in Literature and Culture (3)** Prerequisite: ENG 1020 or ENG 1030

The course focuses on the figure of the knight, its historical development, and its role in current culture, including in the development of the American concept of citizenship. Although the United States Constitution expressly forbids its citizens from holding knighthood or royal titles, the figure of the medieval knight and the values he represents hold strong sway over the national imagination and affect our attitudes toward honor, social conduct, and behavior in the face of danger. Through examination of selected works of poetry, prose, and non-fiction, this course examines the role of knighthood and European "chivalry" in contemporary society.

**ENG 3170: Literature of Diasporas (3)** Prerequisite: ENG 1020 or ENG 1030

Literature of Diasporas explores concerns arising from forced or voluntary migration in tangential to the issues of citizenship, along with writers born into hybridity and cosmopolitanism in an increasingly globalized world. However, in spite of many factors leading to willing or unwilling diaspora, many people are still bound by the traditional nation-state notions of pure language and pure identity, instead of coming to grips with multiple, fragmented, contradictory identities in the twenty-first century.

**ENG 3180: Scottish Literature (3)** Prerequisite: ENG 1020 or ENG 1030

This course surveys great works of Scottish literature, focusing on fiction and poetry after the Jacobite uprising of 1745 through the end of the twentieth century. These readings will be supplemented by lectures on relevant historical, cultural, and religious contexts, as well as occasional film viewings. Recurring topics of interest include representations of Scotland's unique customs and traditions; its conflicted relationship with England as well as its place within

Great Britain; the divisions within the nation itself (rich versus poor, Highland versus Lowland, religious versus secular); the nation's transition from a rural to an industrial and urban society; and the concept of a Scottish "split psyche." In the process of studying these elements of Scottish literature, history, and culture, students will also develop close reading, critical thinking, and argumentative writing skills that they can apply across the curriculum and in their lives beyond college.

**ENG 3190: Literature of the Holocaust (3)** Prerequisite: ENG 1020 or ENG 1030

The Literature of the Holocaust covers books mainly written by Holocaust survivors and other seminal writers (Anne Frank, for example). Exploring these texts and the history surrounding them, students explore issues such as life in the camps, survivors' guilt, passing, and obstacles to resistance. Films are used to supplement the literary materials.

**ENG 3200: Introduction to Poetry (3)** Prerequisite: ENG 1020 or ENG 1030

This course will introduce students to a wide range of poetic forms and genres. The goal is to not only engender an appreciation for poetry, but to develop critical methods of reading, thinking, and writing about poems. Writing assignments and class discussion will help students develop and demonstrate these skills on their own. Although individual poems will be connected to their historical and cultural contexts, the emphasis will be on the variety, defining characteristic, and function of various poetic genres. The course will not be chronological, though it will feature a wide sampling of major – and some minor – poets from the medieval to the contemporary.

**ENG 3210: Advanced Composition (3)**

The study of effective exposition and argumentation, with some attention to the principles of rhetoric and their application in written compositions.

**ENG 3270: Survey of British Literature I (3)** Prerequisite: ENG 1020 or 1030

Emphasis on major figures such as the Beowulf poet, Chaucer, Shakespeare, Donne, and Milton. Attention is given to the heroic ideal, romance, tragedy, lyric and satire. This emphasis is combined with a close reading of texts and the writing of a series of essays, some of which reflect the student's ability to do research.

**ENG 3280: Survey of British Literature II (3)** Prerequisite: ENG 1020 or 1030

Emphasis on major figures such as Austen, Wordsworth, Keats, Tennyson or Browning, Shaw, Eliot, and Lawrence or Joyce. Attention is given to the democratization of the heroic ideal, the failure of the vision (the anti-hero), and the development of modernism. This emphasis is combined with a close reading of texts and the writing of a series of essays, some of which reflect the student's ability to do research

**ENG 3330: Creative Writing I (3)** Prerequisite: Permission of instructor.

The writing of essays, poems, and short stories.

**ENG 3340: Creative Writing II (3)** Prerequisite: ENG 1020 or ENG 1030

Continued practice composing various literary forms.

**ENG 3410: An Introduction to English Linguistics (3)** Prerequisite: ENG 1020 or 1030

Elementary phonology, morphology, and syntax, with some discussion of the English vocabulary. Recommended for students certifying to teach.

**ENG 3420: History of the English Language** (3) Prerequisite: ENG 1020 or 1030

The development of English from its beginning to the present. This course is recommended for students planning to attend graduate school in English.

**ENG 3430: Teaching Writing** (3) Prerequisite: Upper division status

Provides an overview of current writing theory and practices in multicultural, public educational settings. Course themes include: culture (including issues in ESL and nonstandard dialects), literacy, writing pedagogy (process, expressive, narrative, collaborative, student-sponsored), conferencing, assessment, and technology. Students will develop demonstrations of teaching practices, as well as a portfolio that will include teaching philosophy, a dialogic learning log, a strategy for assessment, and a final paper addressing one of the class themes. Students will work with Appalachian Writing Project teacher consultants, who will model cutting-edge practices in teaching writing K-12. This course is cross-referenced because it is appropriate both to students who plan to become K-12 teachers, and English students who plan to attend graduate school and may be teaching composition. This course requires 20 hours field experience/observation in a 6-12 school setting. Dual listing with EDU 3590.

**ENG 3450: An Introduction to Literary Theory** (3) Prerequisite: Any 3000-level English course

A study of critical theory combined with analysis of selected works.

**ENG 3690: 16th Century British Literature** (3) Prerequisite: ENG 1020 or 1030

The sixteenth century comprises a crucial period in English political, cultural, and religious history. This period saw the emergence of England as a world power, the formation of a distinct brand of English Protestantism, and the transmission and flowering of continental humanism. The literary productions of the period both reflect and helped shape these complex developments. This course will focus on major English—and a few continental writers—including More, Erasmus, Sidney, Spenser, and Shakespeare. The first third of the course examines on the early modern court and the range of literary responses that it engendered. The middle third explores literary responses to the English Reformation. The final month is devoted to the study of particular poetic theories and forms (with particular emphasis on the sonnet sequence). We will read and discuss these sixteenth-century texts with two main goals in mind: a) to introduce students to the historical, philosophical, and aesthetic currents shaping literary production in this period; and b) to help them develop critical methods of reading, thinking, and writing about literature.

**ENG 3700: 17th Century British Literature** (3) Prerequisite: ENG 1020 or 1030

A survey of British literature from Donne through Milton.

**ENG 3730: The Early British Novel** (3) Prerequisite: ENG 1020 or 1030

A survey of the British novel from its beginnings to Dickens.

**ENG 3810: Survey of American Poetry and Prose I** (3) Prerequisite: ENG 1020 or 1030



A survey of American literature from the colonial period to the last quarter of the 19th century, with emphasis on Hawthorne, Melville, Emerson, Thoreau, Whitman and Dickinson.

**ENG 3820: Survey of American Poetry and Prose II** (3) Prerequisite: ENG 1020 or 1030

This course surveys a significant range of works and introduces the rise of various American literatures from the post-bellum period—when American literature came of age—to the post-modern era. We will begin the class by foregrounding the tension in American literature between the enormous yearning to forge a new literary and cultural identity and the need to come to terms with a European past. We will then explore how the developing idea of our national literature through its multi-cultural heritage provides an interpretive framework for our readings and how it gives rise to modern narrative and poetic forms. We will pay particular attention to the inter-relation of literature and culture, examining how issues of the formation of the modern American self relate to literary trends, the American Dream, language and reality, politics and war, ethnicity, gender, sexuality, and especially race. Students will consult both primary and secondary sources and will formulate their responses both in class discussion and in writing.

**ENG 3870, 3880: Cooperative Education Project I** (1-6, 1-6)

Students can obtain information from the Department Chair.

**ENG 4000: Chaucer** (3) Prerequisite: Any 3000-level English course

A study of the major works of Chaucer, with special attention to the Canterbury Tales.

**ENG 4010: Studies in Medieval Literature** (3) Prerequisite: Any 3000-level English course

A study of representative works of medieval literature, including works from the Anglo-Saxon period (seventh through eleventh centuries) through the fifteenth century. Alternating topics may include: The Medieval Romance Tradition; Medieval Allegorical Literature; Medieval Dream Visions; Medieval Drama; Medieval Courtly Literature; The Medieval Lyric and Ballad; Age of Chaucer; Chaucer and the Fifteenth Century; and others.

**ENG 4030: Modern and Contemporary Poetry** (3) Prerequisite: Any 3000-level English course

A survey of the major British and American poets of the twentieth century, which may include British poets from Yeats to Auden and American poets from Williams to Bishop, with emphasis on the aesthetic innovations, poetic imagination and visual art, and literary relations in modern and contemporary culture.

**ENG 4040: Modern and Contemporary Fiction** (3) Prerequisite: Any 3000-level English course

A study of the major British and American fiction writers of the twentieth century, with occasional inclusion of some non-western and European writers. Primary texts may include works by Joyce, Lawrence, Woolf, Forster, Hemingway, Faulkner, Fitzgerald, Morrison or DeLillo, with emphasis on narrative innovations.

**ENG 4050: Shakespeare: The Early Plays** (3) Prerequisite: Any 3000-level English course

A study of representative plays from Shakespeare's earlier works.

**ENG 4060: Shakespeare: The Late Plays** (3) Prerequisite: Any 3000-level English course

A study of representative plays from Shakespeare's later works starting with Hamlet.

**ENG 4070: 19<sup>th</sup> Century American Novel (3)** Prerequisite: ENG 1020 or ENG 1030

This course is designed to offer students a survey of the rise of the American novel from its beginnings into the period of American realism. We will begin with the sentimental tradition, examining the controversies surrounding novels and the alleged dangers associated with reading novels, particularly for women readers, and why virtually no novels were published in colonial America before the Revolution. We will examine the ways in which novels were used as didactic conduct books, the moral/social pressures imposed on authors, and the ways in which early American authors were beginning to define and question issues of national, personal, social, racial, gender, etc. identity. As we progress into the nineteenth century, we will look at authors who were beginning to be able to make a living as writers, and some of the major novelists of the American Renaissance, as well as some very popular, but until relatively recently, under-acknowledged authors. We will then examine the abrupt shift from the romantic tradition toward realism and some of the major works within that tradition, as well as naturalism. The main focus will be to provide a general picture of the growth of the American novel from the early national period through literary realism.

**ENG 4080: British Romanticism (3)** Prerequisite: Any 3000-level English course

This course explores British literature of the late eighteenth and early nineteenth centuries, from roughly 1789 until 1832. Primary texts may include work by Blake, Wordsworth, Coleridge, Scott, Austen, Percy Shelley, Mary Shelley, Keats, and De Quincey. The course will consider such major issues and concerns as: the powers of the imagination; theories of poetry and the poet; the French Revolution; social and political reform; national identity; war and empire; the slave trade; constructions of gender; and responses to the natural world. In the process, it will introduce students to the social, political, and intellectual contexts of the Romantic period.

**ENG 4090: The Victorians (3)** Prerequisite: Any 3000-level English course

Covering the Victorian Period (1832-1901), this course will include both poetry and prose. It will likely include poets such as Robert Browning; Alfred, Lord Tennyson; Elizabeth Barrett Browning, Matthew Arnold, DG and Christina Rossetti, Algernon Swinburne, and Gerard Hopkins. Fiction writers could include: Elizabeth Gaskell, Charles Dickens, the Bronte sisters, George Eliot, Thomas Hardy, and Oscar Wilde.

**ENG 4100: 18th Century British Literature (3)** Prerequisite: Any 3000-level English course

A survey of British literature from Dryden through Johnson. The course will sample representative eighteenth-century writers (such as Swift, Pope, Behn, Defoe, Addison, and Montagu) and literary genres (including plays, novels, pamphlets, the periodical essay, and satire). It will also introduce students to the social, political, religious, and intellectual currents shaping literary production in the period.

**ENG 4110: Southern Literature (3)** Prerequisite: Any 3000-level English course

This course is designed to offer students a survey of the literature of the American South from the colonial period through the late twentieth century. The main focus will be to provide a general picture of Southern Literature - some of its major themes and writers, as well as its construction as a scholarly field of study. The class will read primarily short stories and novels, but also some poetry, drama, and critical essays, and will examine literature as a reflection of

southern culture during that period, attempting to reconstruct the historical and social context(s) in which these works were produced. This course will also examine issues of gender, class, race, and region, as well as aesthetic and thematic techniques.

**ENG 4740: Studies in Literature** (3)

Offered on demand. A study of special topics in world literature.

**ENG 4870, 4880: Cooperative Education Project II** (1-6, 1-6)

Students can obtain information from the Department Chair.

**ENG 4940: Internship** (2-3)

Supervised experiences for students, usually in the area of their primary interests. An outline of the internship is developed by the student prior to enrollment and a paper is subsequently developed to analyze and evaluate the work experience. The area in which the internship is taken will be designated on the student's transcript. (The internship cannot be used to meet departmental requirements except as a substitute for ENG 3870, 3880, 4870, or 4880.)

**ENG 4950: Studies in American Literature** (3)

Offered on demand. A study of special topics in American literature.

**ENG 4960: Studies in British Literature** (3)

Offered on demand. A study of special topics in British literature.

**ENG 4970: Independent Study** (1-3)

**ENG 4980: Senior Thesis I** (1) Prerequisite: Senior status and 18 hours of English classes above 3000, or permission of Department Chair.

Discussions leading to the writing of a paper using critical analysis.

**ENG 4990: Senior Thesis II** (2) Prerequisite: Successful completion of ENG 4980

Discussions leading to the writing of a paper using critical analysis.

## **COURSES IN FRENCH**

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**FRE 1010: Elementary French** (3)

Combination approach: listening, speaking, reading, writing and culture.

**FRE 1020: Elementary French** (3) Prerequisite: FRE 1010 or 1110 or equivalent

Combination approach: listening, speaking, reading, writing and culture.

**FRE 1030: Accelerated Elementary French** (3) Prerequisite: Advanced Placement

A rapid survey of the more basic elements of aural and oral training, reading and writing, and the essentials of grammar to be followed by a more extensive treatment of the remainder of the basic elements of the French language. There is a directed lab component for this course.

**FRE 1110: Elementary French** (4)

Lecture component of FRE 1010 plus language laboratory, or other assigned foreign language experience.

**FRE 1120: Elementary French** (4) Prerequisite: FRE 1010 or 1110 or equivalent

Lecture component of FRE 1020 plus language laboratory, or other assigned foreign language experience.

**FRE 1750: Beginning Conversation** (1)

Focus on speaking skills and basic discussion of contemporary culture.

**FRE 2010: Intermediate French** (3) Prerequisite: FRE 1020 or equivalent

For students who have had two years of French in secondary school or equivalent. Training in the speaking, understanding, reading and writing of French.

**FRE 2020: Intermediate French** (3) Prerequisite: FRE 1020 or equivalent

Training in the speaking, understanding, reading and writing of French.

**FRE 3000: Introduction to French Culture** (1-3) Prerequisites: ENG 1010, 1020 or permission of instructor

Introduction to French culture, including history, geography, daily life in France and francophone countries. The course is given in English. The course fulfills the Liberal Arts Core requirements in the humanities.

**FRE 3010, 3020: Introduction to French Civilization** (3, 3)

An introduction to the background of French life and culture and to the outstanding contributions of France to world civilization from medieval times to the present.

**FRE 3070: Explication of Texts** (3) Prerequisite: FRE 2020

A given literary text is studied to appreciate its form, meaning, and beauty. The French method of procedure is taught.

**FRE 3110: Phonetics and Linguistics** (3) Prerequisite: FRE 2020

An introduction to linguistics, the French sound system, pronunciation drills, and use of laboratory materials.

**FRE 3150: Advanced Conversation** (1-4) Prerequisite: FRE 2020 or permission of instructor

The focus is on speaking skills and basic discussion of contemporary French culture, including education, films, foods and politics.

**FRE 3210: Advanced French Composition** (3) Prerequisite: FRE 202 0

Designed to give students a command of spoken and written language. Recommended as a foundation for literature courses.

**FRE 3780, 3790: Survey of French Literature** (3, 3) Prerequisite: FRE 2020

Divided, respectively, into Middle Ages, Renaissance and 17th century, and 18th, 19th and 20th centuries. Characteristic movements with readings of selections of texts.

**FRE 3870, 3880: Cooperative Education Project I** (1-6, 1-6)

Students can obtain information from the Department Chair.

**FRE 3890: Studies in French Culture and Literature in Translation** (3) Prerequisites: ENG 1020 or 1030

An elective course with no knowledge of French required. Texts and course will be in English. This course will deal with broad themes and their connections to world literature and cultures. This course may be accepted as part of the requirements for language majors with permission of the department.

**FRE 4180, 4190: Foreign Travel** (1-3 each)

Approval of department required for credit.

**FRE 4210: French Literature of the 20th Century** (3) Prerequisite: FRE 2020.

Offered by announcement.

**FRE 4510: French Literature of the Middle Ages** (3) Prerequisite: FRE 2020

Offered by announcement.

**FRE 4550: French Theater** (3) Prerequisite: FRE 2020

A study of selected French drama from the Middle Ages through the 20th century.

**FRE 4560: French Novel** (3) Prerequisite: FRE 2020

A study of selected pre courses for the novel and novels from the Middle Ages through the 20th century.

**FRE 4570: French Poetry** (3) Prerequisite: FRE 2020

A study of selected poems from the Middle Ages through the 20th century.

**FRE 4610: French Literature of the Renaissance** (3) Prerequisite: FRE 2020

Offered by announcement.

**FRE 4710: French Literature of the 17th Century** (3) Prerequisite: FRE 2020

Offered by announcement.

**FRE 4810: French Literature of the 18th Century** (3) Prerequisite: FRE 2020

Offered by announcement.

**FRE 4870, 4880: Cooperative Education Project II** (1-6, 1-6)

Students can obtain information from the Department Chair.

**FRE 4910: French Literature of the 19th Century** (3) Prerequisite: FRE 2020

Offered by announcement.

**FRE 4950, 4960: Special Topics in French** (1-3, 1-3) Prerequisite: FRE 2020

**FRE 4970: Independent Research** (1-3) Prerequisite: FRE 2020

## **COURSES IN FOREIGN STUDIES**

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**FST 4900: Study Abroad** (3-18) Prerequisite: Sophomore standing

This course is for students who will study abroad for a semester. Specific course credit will be determined upon presentation of the transcript from the foreign institution. The student will be registered in an audit status until the transcript is received.

## COURSES IN GERMAN

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**GER 1010: Elementary German (3)**

Oral and aural training, reading and writing, essentials of grammar and culture. Focus on the oral component.

**GER 1020: Elementary German (3)** Prerequisite: GER 1010 or 1110

Oral and aural training, reading and writing, essentials of grammar and culture. Focus on the oral component.

**GER 1110: Elementary German (4)**

Lecture component of GER 1010 plus language laboratory.

**GER 1120: Elementary German (4)** Prerequisite: GER 1010 or 1110

Lecture component of GER 1020 plus language laboratory.

**GER 2010: Intermediate German (3)** Prerequisite: GER 1020 or equivalent

For students who have had two years of German in secondary school or the equivalent. Training in the speaking, understanding, reading and writing of German.

**GER 2020: Intermediate German (3)** Prerequisite: GER 2010 or the equivalent

Training in the speaking, understanding, reading and writing of German.

**GER 3010: Introduction to German Culture and Civilization (3)** Prerequisites: Restricted to non-native speakers of German

A survey of German civilization from the early medieval period to the present, primarily focusing on cultural phenomena against a background of historical periods.

**GER 3150: The German Short Story (3)** Prerequisites: GER 2020 or permission of instructor

A transitional course designed to expand the students' vocabularies and to introduce them to literary analysis. The focus is on the German short story from the post-World War II period.

**GER 3210: Advanced German Grammar and Composition (3)** Prerequisite: GER 2020

Review of German grammar and its application in written exercises and compositions. Designed to give students a command of the written language and a broader foundation for the spoken language.

**GER 3250: German Conversation (1-3)** Prerequisite: GER 2020

Designed to improve students' skills in the spoken language. The course will focus on contemporary Germany and its culture.

**GER 3780: Survey of German Literature I (3)** Prerequisite: GER 2020

A survey of German literature covering the Middle Ages, the Renaissance, Baroque, the Enlightenment, and Storm and Stress.

**GER 3790: Survey of German Literature II** (3) Prerequisite: GER 2020

A survey of German literature from Classicism through the 20th century.

**GER 3920: German Literature of the Middle Ages and Renaissance in Translation** (3)

Prerequisites: ENG 1010-1020 or 1030

No knowledge of German is required. Texts and lectures will be in English.

**GER 3950, 3960: Special Topics in German** (1-3, 1-3) Prerequisite: GER 2020

**GER 4180, 4190: Foreign Travel** (1-3 each) Approval of department required for credit.

**GER 4210: German Literature of the 20th Century** (3) Prerequisite: GER 2020

A survey of German literature from Naturalism to Post-Modernism.

**GER 4410: The Age of Goethe** (3) Prerequisite: GER 2020

Attention is given to the Enlightenment, Storm and Stress, and early Romanticism. The main emphasis will be placed on Goethe before and during the Weimar period and on Schiller.

**GER 4610: German Literature of the 19th Century** (3) Prerequisite: GER 2020

A survey of German Realism.

**GER 4950, 4960: Special Topics in German** (1-3, 1-3) Prerequisite: GER 2020

**GER 4980: Study Abroad** (9-18) Prerequisites: GER 1010 and GER 1020 or permission of instructor

This course is for those students who will be studying for the semester in our sister institution in Austria, the Pädagogische Akademie. Specific course credit will be determined upon presentation of the Pädagogische Akademie transcript. Student will be registered in an audit status until the transcript is received.

## COURSES IN HUMANITIES

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**HUM 1100: Introduction to Appalachia** (3)

This course is an interdisciplinary introduction to the study of the Appalachian region, providing an overview of the many facets of life, culture, tradition, history, economics, and people of the area.

**HUM 1950: Special Topics in the Humanities** (1-3)

**HUM 2970: Independent Study in the Humanities** (1-3) Prerequisite: Permission of the instructor

Designed to allow the student to pursue an approved topic initiated by the student. Examples of possible topics would be "The Good Life" and "The Nature of Work and/or Leisure."

**HUM 3450: Introduction to Women's Studies** (3)

This interdisciplinary course will explore women's roles and status in modern American society, while placing them within the larger global and historical contexts of which they are a part. The course will take a topical approach to examining the commonalities and diversity of women's lives.

**HUM 3960: Special Topics in the Humanities** (1-3) Prerequisite: ENG 1020 or 1030

A course that focuses on the interdisciplinary study of history, aesthetics, literature, politics, religion, music, philosophy, science and/or arts.

**HUM 3980: Research in Women's Studies** (3) Prerequisite: Nine hours of women's studies courses

A research-oriented course that serves as a capstone experience for the Women's Studies minor. The course identifies issues of importance to women and explores them from a multidisciplinary angle, bringing together work from the minor in individual research directed by participating faculty. The course is required for completion of the minor.

**HUM 4950-4960: Special Topics in the Humanities** (1-3) Prerequisite: ENG 1020 or 1030

A course that focuses on the interdisciplinary relationships between history, science, aesthetics, literature, politics, religion, music, philosophy and/or arts.

**HUM 4970: Independent Study in the Humanities** (1-3) Prerequisite: Permission of instructor

Designed to allow the student to pursue an approved topic initiated by the student. Examples of possible topics would be "The Good Life" and "The Nature of Work and/or Leisure."

## COURSES IN LANGUAGE

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**LAN 2010/3010: Introduction to Foreign Language** (3)

Areas of study include the interrelationships among languages, foreign language terms used in the English language, and the ways in which different people use language to reflect reality as they perceive it. Students seeking upper-division credit for this course are required to do readings and reports in addition to the work required for lower-division credit.

**LAN 3820: Methodology of Teaching a Foreign Language** (3) Prerequisite: SPA 2020, FRE 2020, or GER 2020

A study of the methods of teaching foreign language. (May include acting as teaching assistant for FRE/SPA/GER 1010.)

**LAN 4910: Senior Thesis I** (1) Prerequisite: Senior status

Discussions leading to the writing of a paper using critical analysis.

**LAN 4920: Senior Thesis II** (2) Prerequisite: Successful completion of LAN 4910

Discussions leading to the writing of a paper using critical analysis.



## COURSES IN SPANISH

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### **SPA 1010: Elementary Spanish (3)**

An introduction to the basic skills of understanding, speaking, reading, and writing in the Spanish language. Course conducted in Spanish. Does not count as credit toward a major or a minor.

### **SPA 1020: Elementary Spanish (3)** Prerequisite: SPA 1010 or 1110

An introduction to the basic skills of understanding, speaking, reading, and writing in the Spanish language. Course conducted in Spanish. Does not count as credit toward a major or a minor.

### **SPA 1030: Accelerated Elementary Spanish (3)** Prerequisite: Advanced Placement

An intensive review of 1010 and 1020 which includes vocabulary and grammar. Course conducted in Spanish. Students must get a C- or higher in Accelerated Elementary Spanish (SPA 1030) in order to meet the six-hour foreign language requirement for the Liberal Arts Core. If they do so, they earn 3 credits from SPA 1010 as well as the three credits from SPA 1030 for a total of 6 credits. If they receive a D-, D, or D+ in the class, they may retake SPA 1030 with the same requirements or take SPA 1020 and pass in order to meet the foreign language requirement. Does not count as credit toward a major or a minor.

### **SPA 2010: Intermediate Spanish (3)** Prerequisite: SPA 1020 or 1030

Continued study of Spanish; development of listening, reading, speaking, and writing skills; readings based on Spanish culture. Course conducted in Spanish. Does not count as credit toward a major or minor.

### **SPA 2020: Intermediate Spanish (3)** Prerequisite: SPA 2010

Continued study of Spanish; development of listening, reading, speaking, and writing skills; readings based on Spanish culture. Course conducted in Spanish. Does not count as credit toward a major or minor.

### **SPA 3000: Introduction to Hispanic Civilization I (3)** Prerequisite: SPA 2020

An introduction to Spanish and Latin American culture and history. Conducted in Spanish.

### **SPA 3010: Introduction to Hispanic Civilization II (3)** Prerequisite: SPA 2020

An introduction to Spanish and Latin American culture and history. Conducted in Spanish.

### **SPA 3030: Immersion in Spain or Latin America (1-4)** Prerequisite: SPA 2010-2020

A study of Spanish history and culture in Spain. Conducted in Spanish.

### **SPA 3150: Spanish Translation I: Medical and Legal Documents (3)** Prerequisite: SPA 2020

An introduction to the history, theory and practice of Spanish-to-English translation with some consideration given to English-to-Spanish translation. Focus is on medical and legal translations.

### **SPA 3210: Spanish Conversation (3)** Prerequisite: SPA 2020

Practice in oral communication that includes a review of vocabulary and grammar. Conducted in Spanish.

### **SPAN 3220: Spanish Composition (3)** Prerequisite: SPA 2020

A study of the strategies of written communication in Spanish that includes lexical choice and grammatical review. Conducted in Spanish.

**SPA 3230: Spanish for the Professions: Legal, Medical or Business** (3) (3) (3) Prerequisite: SPA 2020

A study of the specialized vocabulary necessary in one of the following professions: medical, legal, or business. Conducted in Spanish.

**SPA 3250: Introduction to Spanish Linguistics** (3) Prerequisite: SPAN 2020

An introduction to Spanish phonology, morphology, syntax, and semantics that includes topics of sociolinguistics. Conducted in Spanish.

**SPA 3260: Spanish Phonetics** (3) Prerequisite: SPA 2020

An introduction to the sound system in Spanish that includes all of the phonetic terminology as well as the phonetic features of the major dialects in both Spain and Latin America. Conducted in Spanish.

**SPA 3270: Advanced Grammar and Composition** (3) Prerequisite: SPA 2020

An advanced review of Spanish grammar and composition. Conducted in Spanish.

**SPA 3280: Introduction to Hispanic Literature** (3) Prerequisite: SPA 2020

An introduction to the literary analysis of different genres in Hispanic literature. Conducted in Spanish.

**SPA 3500: Medieval-Golden Age Survey** (3) Prerequisite: SPA 2020

An introduction to canonical texts of the Middle Ages and the Renaissance. Conducted in Spanish.

**SPA 3510: Colonial Latin American Literature** (3) Prerequisite: SPA 2020

A study of the literature produced in the colonial period in Latin America from the earliest writers to the period of independence. Conducted in Spanish.

**SPA 3600: 18th and 19th Centuries in Spain** (3) Prerequisite: SPA 2020

A study of the literature of the Enlightenment and nineteenth-century Spain. Conducted in Spanish.

**SPA 3610: 18th and 19th Centuries in Latin America** (3) Prerequisite: SPA 2020

A study of the literature produced after the period of Latin American independence and during the nineteenth century. Conducted in Spanish.

**SPA 3700: Modernism and the Vanguard in Latin America** (3) Prerequisite: SPA 2020

An introduction to major literary movements and figures with readings from representative authors in Latin America from 1890 to 1940. Conducted in Spanish.

**SPA 3710: Contemporary Spanish Literature** (3) Prerequisite: SPA 2020

A study of contemporary Spanish texts. Conducted in Spanish.

**SPA 3800: Contemporary Literature in Latin America** (3) Prerequisite: SPA 2020

A study of Spanish America from the 1940's until the present. Conducted in Spanish.

**SPA 3830: History of the Spanish Language** (3) Prerequisite: SPA 2020

A study of the development of the Spanish language from its origins to the present with an emphasis on the medieval period. Conducted in Spanish.

**SPA 3840: Foreign Travel** (1-3)

Approval of department required for credit.

**SPA 3870, 3880: Cooperative Education Project** (1-6 each)

Students can obtain information from the Department Chair.

**SPA 3890: Studies in Hispanic Culture and Literature in English** (1-3)

A study of selected works of Hispanic literary and cultural works in translation. No knowledge of Spanish is required; both texts and course will be given in English.

**SPA 3950: Special Topics in Spanish** (3) Prerequisite: SPA 2020

An advanced study of special topics in literature or culture in Spain and/or Latin America. Conducted in Spanish.

**SPA 4160: Seminar in Latin-American Literature** (3) Prerequisite: SPA 2020

An in-depth investigation of major figures or important literary trends in Latin America not covered in previous courses. Conducted in Spanish.

**SPA 4260: Seminar in Spain's Literature** (3) Prerequisite: SPA 2020 An in-depth investigation of major figures or important literary trends in Spanish literature not covered in previous courses. Conducted in Spanish.

**SPA 4950, 4960: Special Topics in Spanish** (1-3, 1-3) Prerequisite: SPA 2020

An advanced study of special topics of literature or culture in Spain and/or Latin America. Conducted in Spanish.

**SPA 4970: Independent Research** (1-3) Prerequisite: SPA 2020

**SPA 4980: Study Abroad** (9-18) Prerequisite: SPA 2020

For those students who spend a summer or a semester abroad in an approved institution. Specific course credit will be determined upon the presentation of an official transcript from the chosen institution. Students will be registered in an audit status until transcripts are received.

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## DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

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**Degrees:** Bachelor of Science in Computer Science, Bachelor of Science in Management Information Systems, Bachelor of Science in Mathematics, and Bachelor of Science in Software Engineering

**Majors:** Computer Science, Management Information Systems, Mathematics, and Software Engineering

**Chair:** James Vance

**Department Faculty:** Karen Carter, Hezekiah Babatunde, C. Alex Edwards, Rachel Clay-Keohane, P. Douglas Elosser, David Frazier, Jenny French, Matthew Harvey, Robert Hatch, Wendy Martin, Daniel Orr, Michael D. Potter, Kaushiki Saha, Jacob Somervell, James A. Vance, Jennifer Wilson

**Mathematics Coordinator:** Matthew Harvey

The Department of Mathematics and Computer Science offers courses in mathematics, computer science, management information systems, and software engineering leading to a Bachelor of Science in majors such as Mathematics, Computer Science, Management Information Systems, and Software Engineering. Minors may be earned in Computer Science, Data Science, and Mathematics. Liberal arts core courses and courses designed for students majoring in other disciplines are also provided. All students seeking a degree from this department must perform satisfactorily on comprehensive exams administered by the department.

### ***LIBERAL ARTS CORE REQUIREMENTS***

To earn a degree from UVA Wise a student must complete six credit hours in mathematics. Students may begin their study of mathematics with MTH 1010, 1050, 1110, 1210, or 2040; however, if deficiencies are identified, students are required to satisfactorily complete preparatory work coordinated by the Intervention Coordinator. The department recommends the appropriate initial placement determined by the following criteria:

1. The student's SAT or ACT scores (now optional);
2. The student's high school record;

A student can seek improvement of their initial placement by taking a Mathematics Assessment Exam.

MTH 2010 and 2020 do not satisfy liberal arts core requirements. A 1000-level course, with the exception of MTH 1180, may not be taken for credit after a 2000- or higher-level course has been completed successfully. MTH 1010 may not be taken for credit after either MTH 1110 or MTH 1210 has been completed successfully.

### **ADVANCED PLACEMENT**

Students who place into MTH 1210 and complete the course with a C or better will also receive credit for MTH 1110. Those who do not get a C or better are advised to take MTH 1110 before repeating MTH 1210. Students who place into MTH 1050 and complete the course with a C or better will also receive credit for MTH 1010.

Students who place into MTH 2040 and complete the course with a C or better will also receive credit for MTH 1110 and MTH 1210. Students who score a 4 or 5 on the AB Advanced Placement Examination in Calculus and students who score a 3 on the BC Advanced Placement Examination in Calculus will receive credit for MTH 2040 and will be placed into MTH 2050. Students who score a 4 or 5 on the BC Advanced Placement Examination in Calculus will receive credit for both MTH 2040 and 2050. Students who score a 3 on the AB Advanced Placement Examination in Calculus can petition the Department Chair to be placed into MTH 2040.

### **MINOR IN COMPUTER SCIENCE**

<b>COMPUTER SCIENCE MINOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
CSC 1010	Introductory Programming in Python	4
CSC 1180	Foundations of Programming in C++	4
CSC 2180	Data Structures	4
<b>At least 12 additional hours in computer science at 3000/4000-level</b>		
CSC XXXX CSC XXXX CSC XXXX CSC XXXX	CSC 3280, CSC 3870, CSC 3880, CSC 4860, and CSC 4861 <b>cannot</b> be taken to satisfy this requirement.	12
<b>TOTAL</b>		<b>24</b>

### **MINOR IN DATA SCIENCE**

The minor in Data Science will provide students with practical knowledge of the methods and techniques of data analysis as well as the ability to think critically about the construction and implications of data analysis and models. Students from any major will qualify for the minor by completing (with a C or better) the coursework below.

<b>DATA SCIENCE MINOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
CSC 1010	Introductory Programming in Python	4
CSC 2240	Programming in Python	3
MTH/STA 2180	Applied Probability and Statistics	3
MIS/DSC 3500	Data Analytics & Modeling	3

MIS/DSC 4350	Cloud & Collaboration Computing	3
MIS/DSC 4500	Data Visualization	3
<b>TOTAL</b>		<b>19</b>

### MINOR IN MATHEMATICS

<b>MATHEMATICS MINOR</b>		
Program of study must be approved by the Department Chair		
COURSE CODE	TITLE	CREDIT HOURS
MTH 2040	Calculus I	4
MTH 2050	Calculus II	4
<b>At least 12 additional hours in mathematics at 3000/4000-level</b>		
MTH XXXX MTH XXXX MTH XXXX MTH XXXX	MTH 3050 <b>cannot</b> be taken to satisfy this requirement.	12
<b>TOTAL</b>		<b>20</b>

### NOTE ABOUT DOUBLE COUNTING COURSES:

Courses may be applied towards two majors where appropriate; however, the course of study submitted for a major may not contain any courses used for a minor, unless explicitly listed as a requirement for both the major and minor, or with approval of the Department Chair.

### TEACHER LICENSURE

Licensure to teach mathematics may be obtained at the Pre-K – 6, Algebra I, and secondary levels.

- **Pre-K – 6:** This licensure requires the Liberal Arts and Sciences Major with the Mathematics Concentration. Students are advised to consult the Director of the Teacher Education Program for specific requirements.
- **Algebra I Add-on Endorsement:** This licensure requires a baccalaureate degree, an endorsement in a teaching area, and 24 credit hours in mathematics to include coursework from the following areas: elementary functions and college algebra; trigonometry; linear algebra; calculus; Euclidean geometry; probability and statistics; discrete mathematics; and computer science. This add-on endorsement licenses one to teach Algebra I.
- **Secondary:** Licensure to teach secondary mathematics requires the baccalaureate degree in mathematics with a minor in secondary education. Students whose interests are in teaching secondary mathematics are required to complete 43 credit hours in mathematics which include 31 credit hours in core courses and 12 credit hours in

electives which must include MTH 3120: Introduction to Geometry. Students seeking secondary licensure must take either CSC 1010: Programming in Python or CSC 1180: Foundations of Computer Programming in C++ and are encouraged to take MTH 3200: Introduction to Number Theory. MTH 2010, 2020, and 3050 cannot be included in the 43 credit hours.

- **Computer Science:** Teacher licensure with an endorsement in computer science may be obtained by completing the Liberal Arts Core requirements, the computer science major, the professional studies courses, and the teaching internship. For additional requirements and information relative to the Teacher Education Program, please contact the Director of Teacher Education.

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

The degree program in computer science is designed to prepare students for entry-level employment in computer applications and to provide background necessary for graduate work in computer science. The curriculum is designed to meet the standards of the Association for Computing Machinery (ACM) and the Institute of Electrical and Electronics Engineers (IEEE).

COMPUTER SCIENCE MAJOR		
COURSE CODE	TITLE	CREDIT HOURS
<b>MATH AND SCIENCE REQUIREMENTS</b>		
MTH 2040*	Calculus I	4
MTH 2050	Calculus II	4
MTH 2180*	Applied Probability and Statistics	3
CSC 3710	Discrete Structures	3
MTH XXXX	At least one additional 3000/4000-level mathematics course.	3-4
BIO XXXX/LAB, CHM XXXX/LAB, ENV XXXX/LAB, GLG XXXX/LAB or PHY XXXX/LAB	At least two natural science with associated labs. Courses must be chosen from biology, chemistry, environmental science, geology or physics.*	8-10
<b>COMPUTER SCIENCE CORE</b>		
SWE 1790	Engineering Leadership	3
CSC 1010	Introductory Programming in Python	4
CSC 1180	Foundations of Programming in C++	4
CSC 2180	Data Structures	4
CSC/SWE 2300	Software Engineering	3
CSC 3180	Introduction to Algorithms	3
CSC 3400	Database Design	3
CSC 4000	Operating Systems: Theory and Practice	3
CSC 4200	Programming Languages	3

CSC 4300	Computer Architecture	3
CSC 4350	Computer Networks	3
CSC 4990	Computer Science Seminar (Capstone Course)	1
<b>15 ADDITIONAL UPPER DIVISION HOURS OF COURSEWORK</b>		
CSC XXXX CSC XXXX CSC XXXX XXX XXXX XXX XXXX	Nine (9) hours must be in Computer Science -- CSC 3280, CSC 3780, CSC 3880, CSC 4860, CSC 4861 do not satisfy this requirement. <b>One 2000-level programming course (not already used) may be used to partially fulfill this requirement.</b> The remaining courses must be selected from CSC, SWE, MIS, and MTH courses or PHY 3030 (electronics).	15
<b>TOTAL MAJOR</b>		<b>80-83</b>

\* Will satisfy the Liberal Arts Core (the department recommends Physics)

The Computer Science major requires a total of 66-69 credit hours above Liberal Arts Core requirements. A student must complete 120 credit hours in order to graduate. All students seeking a degree in Computer Science must perform satisfactorily on comprehensive examinations administered by the department. The examinations will cover the computer science core courses.

## BACHELOR OF SCIENCE IN MANAGEMENT INFORMATION SYSTEMS

The Bachelor of Science in Management Information Systems degree is designed to provide students with a set of courses providing the basic management and information systems concepts useful to those aspiring to an executive/administrative management position in technology-based positions and to provide the background necessary for graduate studies. This program develops the necessary skills in team building, interpersonal communications, decision-making, ethics and leadership, project management, risk analysis, and quality assurance that employers are expecting in "high tech" organizations. Students majoring in MIS must take MTH 1210: Precalculus II (or higher) and MTH 2180: Applied Probability and Statistics, and should use these courses to fulfill their Liberal Arts Core mathematics requirement. Depending on placement, students may have to take additional mathematics courses.

<b>MANAGEMENT INFORMATION SYSTEMS MAJOR</b>		
<b>COURSE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>COMMUNICATIONS REQUIREMENTS</b>		
COM 3400 <b>OR</b> COM 3450	Business and Professional Communication <b>OR</b> Technical Writing	3
<b>BUSINESS REQUIREMENTS</b>		



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ACC 2010	Principles of Accounting I	3
ACC 2020	Principles of Accounting II	3
BUS 3310	Principles of Management	3
ECO 1050	Foundations of Economics	3
<b>COMPUTER SCIENCE REQUIREMENTS</b>		
CSC 1010	Introductory Programming in Python	4
CSC 1180	Foundations of Programming in C++	4
CSC 2180	Data Structures	4
CSC/SWE 2300	Software Engineering	3
CSC 3400	Database Design and Applications	3
CSC 4110	Advanced Database Systems	3
CSC 4350	Computer Networks	3
CSC 4380	Information Security	3
SWE 4240	Project Management	3
<b>MANAGEMENT INFORMATION SYSTEMS REQUIREMENTS</b>		
MIS 3120	Information Systems	3
MIS 3500	Data Analytics & Modeling	3
MIS 4240	IS Audit & Risk Management	3
MIS 4350	Cloud & Collaboration Computing	3
MIS 4500	Data Visualization	3
<b>CONCENTRATION OPTIONS (CHOOSE ONE)</b>		
<b>Management Concentration</b> (Select two (2) courses from this group.)	BUS 3130 Information Security (3) BUS 3150 Commercial Law I (3) BUS 3410 Conflict Management (3) BUS 3510 Human Resource Management (3) BUS 3620 Social Issues and Business Ethics in Management (3) BUS 3750 Organizational Leadership (3) BUS 4500 Organizational Behavior (3) BUS 4850 Strategic Management (3) FIN 3830 Financial Management (3) FIN 3820 Principles of Finance (3) MKT 2020 Principles of Marketing (3)	6
<b>Systems Concentration</b> (Select two (2) courses from this group.)	CSC 2220 Programming in Java* (3) CSC 2230 Programming in C#* (3) CSC 2240 Programming in Python (3) CSC 3250 UNIX Systems (3) CSC 3750 Web Technologies (3) CSC 4000 Operating Systems (3) CSC 4280 Cyber Security (3) CSC 4300 Computer Architecture (3) Any 3000 level or above software engineering courses	
<b>Cybersecurity Concentration</b>	CSC 4280 Cybersecurity (3) CSC 4281 Penetration Testing (3)	
<b>MATHEMATICS REQUIREMENT</b>		
MTH 2180	Applied Probability and Statistics	3

MTH 1210	Precalculus II (or higher)	3
<b>SENIOR CAPSTONE REQUIREMENT</b>		
MIS 4990	Management Information Systems Seminar	1
<b>TOTAL MANAGEMENT INFORMATION SYSTEMS MAJOR</b>		<b>73</b>

All students seeking a degree in Management Information Systems must perform satisfactorily on comprehensive examinations administered by the department. The examinations will cover the computer science core courses as well as the business core courses.

## BACHELOR OF SCIENCE IN MATHEMATICS, MATHEMATICS MAJOR

<b>MATHEMATICS MAJOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>MATHEMATICS CORE</b>		
CSC 1010 OR CSC 1180	Introductory Programming in Python OR Foundations of Programming in C++	4
MTH 1130	Matrix Algebra	1
MTH 2040	Calculus I	4
MTH 2050	Calculus II	4
MTH 3060	Calculus III	4
MTH 3100	Introduction to Mathematical Proofs	3
MTH 3110	Ordinary Differential Equations	3
MTH 3130	Linear Algebra	3
MTH 3250	Probability and Statistics I	3
MTH 3350	Abstract Algebra I	3
MTH 3400	Multivariable Calculus	3
MTH 3440	Advanced Calculus I	3
MTH 4260 <b>OR</b> MTH 4360	Probability and Statistics II <b>OR</b> Abstract Algebra II	3
MTH 4990	Mathematics Seminar	1
<b>ELECTIVES – 9 HOURS</b>		
At least 9 additional credit hours of advanced work in mathematics numbered 3100 or above or computer science numbered 3000 or above, or PHY 4010 (Quantum Physics), are also required. Note that MTH 3100 is a prerequisite to MTH 3350 and MTH 3440 and should be taken in the fall semester after successful completion (C or better) of MTH 2050. These elective courses are to be selected in consultation with the academic advisor		

and approved by the chair of the department. The student should use these courses to develop an area of special interest.	
<p>Students whose interests are in <b>applied mathematics or computer science</b> are encouraged to select from the following courses:</p> <p>CSC 3300 Fundamentals of Computer Science (3)            CSC 3600 Operations Research (3)            CSC 3710 Discrete Structures (3)            MTH 3380 Introduction to Numerical Methods (3)            PHY 4010 Quantum Physics (3)</p> <p>Students whose interests are in <b>pure mathematics</b> are encouraged to select from the following courses:</p> <p>MTH 3120 Introduction to Geometry (3)            MTH 3200 Introduction to Number Theory (3)</p> <p>Students whose interests are in <b>teaching mathematics</b> in the secondary schools <b>must</b> take:</p> <p>CSC 1010: Introductory Programming in Python (4) <b>OR</b>            CSC 1180: Foundations of Computer Programming in C++ (4)            MTH 3120: Introduction to Geometry (3)</p> <p>and are encouraged to take</p> <p>MTH 3200: Introduction to Number Theory (3)</p> <p>These students are encouraged to select their remaining area electives from the following courses:</p> <p>CSC 3600 Operations Research (3)            CSC 3710 Discrete Structures (3)            MTH 3200 Introduction to Number Theory (3)</p>	9
<b>TOTAL MATHEMATICS MAJOR</b>	<b>51</b>

All students seeking a major in mathematics must perform satisfactorily on comprehensive examinations administered by the department. The examination will cover the contents of MTH 2040, 2050, 3060, 3100, 3110, 3130, 3250, 3350, 3400 and 3440.

## **BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING**

The degree program in Software Engineering is designed to prepare students for entry-level employment in computer software development and to provide preparation for graduate work in software engineering or computer science. This curriculum uses as its basis the standard curriculum published by the Association for Computing Machinery (ACM) and the Institute for Electrical and Electronics Engineers (IEEE).

Liberal Arts Core requirements should be selected with care. For example, the mathematics and science requirements of this degree meet liberal arts core requirements. The major includes mathematics, science, and computer science requirements as well as the software engineering requirements.

<b>SOFTWARE ENGINEERING MAJOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>Software Engineering Core Requirements</b>		
SWE 1790	Engineering Leadership	3
SWE 3110	Software Requirements and Design	3
SWE 3120	Software Testing	3
SWE 4980/4990	Capstone	1,1
<b>Choose Two Upper-Level (3000/4000) SWE Courses from the Following:</b>		
SWE 3240	Software Quality and Configuration Management	3
SWE 3420	Software Maintenance	3
SWE 4240	Software Project Management	3
<b>Computer Science Requirements</b>		
CSC 1010	Introductory Programming in Python	4
CSC 1180	Foundations of Programming in C++	4
CSC 2180	Data Structures	4
CSC/SWE 2300	Software Engineering	3
CSC 3180	Introduction to Algorithms	3
CSC 3260	Introduction to Human-Computer Interaction	3
CSC 3400	Database Design and Applications	3
<b>Choose any three CSC courses from the list below (excluding CSC 4860, 4861, 4990). At most one 2000-level course can be used to satisfy this requirement.</b>		
CSC 2220 Programming in Java CSC 2230 Programming in C# CSC 2240 Programming in Python CSC 4000 Operating Systems Theory and Practice (3) CSC 4110 Advanced Database Systems (3) CSC 4150 Introduction to Robotics and Artificial Intelligence (3) CSC 4200 Programming Languages (3) CSC 4280 Cybersecurity (3) CSC 4281 Penetration Testing (3) CSC 4300 Computer Architecture (3) CSC 4350 Computer Networks (3) CSC 4380 Information Security (3) CSC 4400 Computer Graphics (3) CSC 4700 Special Studies in Computer Science (1-3) CSC 4950, 4960 Special Topics (1-3, 1-3)		9
<b>Mathematics Requirements</b>		
CSC 3710	Discrete Structures	3
MTH 2040	Calculus I	4
MTH 2050	Calculus II	4

MTH 2180	Applied Probability and Statistics	3
MTH 3030	Introduction to Linear Algebra with Applications	3
<b>Choose one MTH course numbered 3060 or higher (excluding MTH 3860, 3861, 4860, 4861, 4990)</b>		
MTH 3060 Calculus III (4)		3-4
MTH 3100 Introduction to Mathematical Proofs (3)		
MTH 3110 Ordinary Differential Equations (3)		
MTH 3120 Introduction to Geometry (3)		
MTH 3200 Introduction to Number Theory (3)		
MTH 3250 Probability and Statistics I (3)		
MTH 3350 Abstract Algebra I (3)		
MTH 3380 Introduction to Numerical Methods (3)		
MTH 3400 Multivariable Calculus (3)		
MTH 3440 Advanced Calculus I (3)		
MTH 3950, 3960 Special Topics (1-3)		
MTH 4260 Probability and Statistics II (3)		
MTH 4360 Abstract Algebra II (3)		
MTH 4450 Advanced Calculus II (3)		
MTH 4950, 4960 Special Topics (1-3)		
<b>Science Requirements</b>		
PHY 1010/1011 OR PHY 3010/3011	Introduction to Physics (4)/General Physics Lab (1) OR College Physics I (4)/College Physics Lab I (1)	5
Additional course with associated lab course from the natural sciences. Courses must be chosen from biology, chemistry, environmental science, geology, or physics. Note: A minor in one of the natural sciences can be used to fulfill this requirement.	Biology, Chemistry, Environmental Science, Geology or Physics	4-5
<b>Additional Mathematics or Science Elective</b>		
Students must have at least 30 hours of mathematics and science (as denoted above). For some students, that means taking an additional course in Mathematics (3060 or higher), a third natural science course (see restrictions above), or electronics (PHY 3030). It is the student's responsibility to have the required number of hours.		3-5
<b>Non-technical Support</b>		
COM 3450	Technical Writing	3
<b>TOTAL SOFTWARE ENGINEERING MAJOR</b>		<b>83-88</b>

All students seeking a degree in Software Engineering must perform satisfactorily on comprehensive examinations administered by the department. The examinations will cover the computer science core and the software engineering core courses.

## CONCENTRATION IN CYBERSECURITY

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Students seeking a Bachelor of Science Degree who are majoring in Computer Science, Management Information Systems or Software Engineering may complete the following coursework to achieve an additional Concentration in Cybersecurity.

CYBERSECURITY CONCENTRATION May be added to BS in CSC, SWE or MIS		
COURSE CODE	TITLE	CREDIT HOURS
CSC 4280	Cybersecurity (spring course)	3
CSC 4281	Penetration Testing (alternating spring)	3
CSC 4380	Information Security (fall course)	3
<b>TOTAL</b>		<b>9</b>

## COURSES IN COMPUTER SCIENCE

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**CSC 1010: Introductory Programming in Python (4)** Pre or Co requisite: MTH 1010

Beginning programming with Python. Syntax, datatypes, sequence, branching, loops, and function are covered. No prior programming experience is assumed. This course may not be taken for credit after the student has taken CSC 1180.

**CSC 1100: Computer Literacy (3)**

Basic concepts of computer hardware and software, word processing, spreadsheets, database use, Internet use, graphic presentations, introduction to object oriented programming.

**CSC 1180: Foundations of Programming in C++ (4)** Prerequisite: CSC 1010 with a C or better and MTH 1010 or permission of instructor

Programming with C++. Prior programming experience expected. C++ syntax and programming structures are covered with extensive focus on pointers, arrays, and classes.

**CSC 2180: Data Structures (4)** Prerequisite: CSC 1180 and MTH 1110 with a C or better

Data and abstract data types; programming principles, lists, dynamic memory allocation, stacks, queues, trees, graphs, and recursion.

**CSC 2220: Programming in Java (3)** Prerequisite: CSC 1180 and MTH 1210

Programming in Java language syntax, Java virtual machines, classes, applets, multithreading, Java streams, libraries, user interfaces, network interfaces.

**CSC 2230: Programming in C# (3)** Prerequisite: CSC 1180 and MTH 1210

Programming concepts and techniques using C#. Classes, functions, software development, generics, threads, and graphical user interfaces (GUIs) will be covered.

**CSC 2240: Programming in Python (3)** Prerequisite: CSC 1010 or CSC 1180 with a C or better and MTH 1210

Programming concepts and techniques using Python, Classes, functions, software development, generics, threads, and graphical user interfaces (GUIs) will be covered.

**CSC 2300: Software Engineering (3)** Prerequisite or corequisite: CSC 2180

Development of a total system concept is emphasized. Project planning, requirements analysis, system design, program design, program implementation, program testing, system testing, system delivery, maintenance, documentation, and examining the development process. Societal and ethical impacts of software solutions are stressed. Dual listed with SWE 2300.

**CSC 3050: Digital Logic (3)** Prerequisites: MTH 1210 with a C or higher

An introduction to digital logic design fundamentals. Topics include number systems, Boolean algebra, Karnaugh maps, switching functions, coders, multiplexers, adders, comparators, flip-flops, counters, registers, latches, programmable logic, analysis and design of combinational and sequential logic.

**CSC 3180: Introduction to Algorithms (3)** Prerequisite: CSC 2180 and MTH 2040

Sorting and searching; recursion; analysis of complexity; algorithm paradigms; NP complete problems; complexity metrics.

**CSC 3250: Unix Systems (3)** Prerequisite: CSC 1180 with a C or better or permission of instructor.

Detailed study of the UNIX operating system; UNIX commands; File system; software development tools; system call interface and standard C library; Process control and inter-process communication; graphical user interfaces, Shell scripts and scripting languages; networking; and variations of the UNIX system. Societal and ethical impacts of Open Source software are stressed.

**CSC 3260: Introduction to Human - Computer Interaction (3)** Prerequisite: CSC 1180 and MTH 2180

User-centered graphical user interface (GUI) development concepts and application, iterative development process, activity, information, interaction design, prototyping tools, user testing, event-based programming, cognitive walkthroughs, heuristic evaluation, lab based testing. Focus on ethical implications of poorly designed software is included.

**CSC 3280: Introduction to Cyber Security (3)** Prerequisite: permission of instructor (this course does not count for Computer Science majors or minors)

A non-technical overview of Cyber Security. The course covers the foundation of risks and damages associated with digital fraud and cyber-crimes including Internet crime, cyberstalking, electronic crime, and identify theft. It also covers the fundamentals of cyber security, including attacks, vulnerabilities, policies, security assessment, risk management, security policy, and incident response. (Dual listed with AJU 3280 and BUS 3280.)

**CSC 3300: Fundamentals of Computer Science (3)** Prerequisite: CSC 1180 and MTH 1010 or permission of instructor (This course does not count for computer science majors)

Overview of how computer systems process information. Topics include fundamentals of high order languages, machine languages, assembly languages, operating systems, computer architecture, and computer networks. Programming exercises in a high level language and an assembly language; searching and sorting algorithms, recursion. Intended for Management Information Systems majors and Computer Science minors, or any student who wants an overall view of computer science.

**CSC 3380: Introduction to Numerical Methods (3)** Prerequisites: MTH 2050 or permission of instructor

The theory and techniques of numerical computation involving interpolation methods; solution of systems of equations and methods of solving ordinary differential equations. Practice in the use of modern computers and programming. (Dual listing with MTH 3380.)

**CSC 3400: Database Design and Applications (3)** Prerequisite: CSC 2180 with a C or better  
Evolution of data models, relational, network, hierarchical, and ER model concepts. DDL and DML concepts, relational algebra, relational calculus, SQL, Network and Hierarchical DMLs. Design, implementation, and manipulation of a relational database using current database technology.

**CSC 3600: Operations Research (3)** Prerequisite: MTH 1110

An introduction to the theory and techniques of operations research. Topics include mathematical modeling and simulation, linear programming and queuing. Practical examples are emphasized throughout the course.

**CSC 3710: Discrete Structures (3)** Prerequisite: MTH 2040 or permission of instructor

Topics include: algebra of sets, equivalence relations, counting techniques, induction, algebraic structures, flowcharts, algorithms, syntax and semantics, graphs, monoids and machines and logic.

**CSC 3750: Web Technologies (3)** Prerequisite: CSC 2180 with a C or better and MTH 1210

This course covers the design, implementation, and testing of interactive web applications. Focus will be on web programming technologies (Javascript, Perl, PHP, CSS, jsp, ASP, etc.). Students will learn how to build complex web applications. Ethical implications of poor design and usability are stressed.

**CSC 3870, 3880: Cooperative Education Project I (1-6, 1-6)**

Students can obtain information from the Department Chair. These courses do not satisfy any major or minor requirements.

**CSC 3950, 3960: Special Topics (1-3, 1-3)** Prerequisite: Permission of instructor

**CSC 4000: Operating Systems: Theory and Practice (3)** Prerequisite: CSC 2180 with a C or better and MTH 2040

The concepts behind the design and working of the operating system on a computer are introduced. A system programming course emphasizing topics such as resource management, processes, process management, file design and allocation, system calls, and shell design.

**CSC 4110: Advanced Database Systems (3)** Prerequisite: CSC 3400



Advanced database design concepts, multivalued dependencies, functional dependencies, normalization. Concurrency control and recovery techniques, serializability, deadlocks, distributed databases, object-oriented databases, and current trends in database systems. Relational database implementation and manipulation using SQL embedded in various programming languages. Societal and ethical implications surrounding issues of data protection and integrity are stressed.

**CSC 4150: Introduction to Robotics and Artificial Intelligence (3)** Prerequisite: CSC 2180 with a C, and MTH 2040 or MTH 2180

Intelligent agents, knowledge representation, inference, reasoning, planning, learning perception, robotic control.

**CSC 4200: Programming Languages (3)** Prerequisite: CSC 2180 with a C or better and MTH 2040 and senior standing

Survey of contemporary languages, compiler construction techniques, parsing, formal grammars, virtual machines, subprograms, functional and logic programming.

**CSC 4240: Software Project Management (3)** Prerequisite: CSC 2180 with a C or better

Project planning and documentation, management tools, cost estimation, productivity, metrics, options and risks, expectations management, contracts, intellectual property, process standards, long-term maintenance, progress measurement, earned value analysis, legal document management, project management standards. Societal and ethical impacts of project management are considered.

**CSC 4280: Cybersecurity (3)** Prerequisite: CSC 2180 and MTH 1210 with a C or better

This course investigates the concepts and methods required to successfully protect computer technology assets using mechanisms to enforce confidentiality, integrity, and availability of data. It covers fundamentals of cyber security, cyber attacks, vulnerabilities and exploitation, malware, cryptography, personal security, cyber forensics, cyber ethics, threat detection, risk management, security assessment, and incident response.

**CSC 4281: Penetration Testing (3)** Prerequisite: CSC 2180 and MTH 1210 with a C or better

This course will introduce the full penetration test life cycle in an ethical context. Topics will include ethics, reconnaissance, vulnerability assessment, attack methods, software exploitation, post-exploitation, and reporting.

**CSC 4300: Computer Architecture (3)** Prerequisite: CSC 2180 with a C or better and CSC 3710  
Corequisite: CSC 3710

A detailed study of the design and functional organization of a modern digital computer. Instruction sets, I/O handling, interrupts, addressing schemes, microprogramming and memory management are investigated.

**CSC 4350: Computer Networks (3)** Prerequisite: CSC 2180 with a C or better and MTH 2180 or permission of instructor

Network structure, architectures, network standardization, TCP/IP reference model and different network layers, Local Area Network protocols, routing algorithms, internetworking. Societal and ethical implications of the use and availability of network technologies are discussed.

**CSC 4380: Information Security (3)** Prerequisite: CSC 2180 and MTH 1210 with a C or better

This course provides a broad overview of various threats to the security of information systems. Topics include cryptography, encryption, authentication, software security, memory protections, access control, network security, firewalls, viruses and worms, intrusion detection and prevention, and web and database security. Societal and ethical impacts of various policies, procedures, and technologies are considered.

**CSC 4400: Computer Graphics (3)** Prerequisites: MTH 3030 or MTH 3130 with a C or better

Concepts of representation, manipulation, and rendering of graphical objects, concept of developing graphical user interface (GUI), devices for graphical input, graphics software, graphics standards; simple algorithms for line, circle, box, polygon drawing; attributes of lines and other geometrical shapes, attributes of text; 2D representation, scaling, rotating, etc.; 3D graphics; hidden line removal; rendering objects.

**CSC 4700: Special Studies in Computer Science (1-3)** Prerequisite: Two programming languages and permission of instructor

Students select appropriate topics from within their field of interest. Problem analysis and selection of an appropriate solution is emphasized.

**CSC 4860, 4861: Cooperative Education Project II (1-6, 1-6)**

Students can obtain information from the Department Chair. These courses do not satisfy any major or minor requirements.

**CSC 4950, 4960: Special Topics (1-3, 1-3)** Prerequisite: Permission of instructor

**CSC 4990: Computer Science Seminar (Capstone Course) (1)** Prerequisite: Permission of instructor

This course represents the culmination of the student's time at Wise. Preparation for a career and/or graduate school is stressed. Students will prepare resumes and practice interview skills. Students will read and present articles from professional and scientific journals. Students will undertake a research or software development project and will make a public presentation of their results at the end of the semester. Students will take the department's required comprehensive examination. Group work and the societal and ethical impact of the profession will be emphasized.

**CSC 4970: Independent Study (1-3)**

## **COURSES IN MANAGEMENT INFORMATION SYSTEMS**

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**MIS 3120: Information Systems (3)** Prerequisite: CSC 1010 with a C or better

Management Information Systems (MIS) represents a collection of technologies, people, and processes that manage the information and communication resources of an organization. Information systems encompass any interactions between organized data and people. This course focuses on technology components and concepts of management information systems, approaches to systems design and development, security, ethics, and internet-worked

enterprises; and how to leverage these to support organizational, strategic, and operational goals. Additional emphasis on database design and utilization.

**MIS/DSC 3500: Data Analytics and Modeling (3)** Prerequisite: MTH 2180

This course prepares students to identify, describe, evaluate, and analyze data within the realm of "Big Data" in order to understand the emerging role of analytics in organizations. A focus on how to use data to develop insights and predictive capabilities using machine learning, data mining, and forecasting techniques will be essential concepts. Topics will include probability, statistics, hypothesis testing, regression, clustering, decision trees, and forecasting.

**MIS 4240: IS Audit and Risk Management (3)** Prerequisite: MIS 3120 or BUS 3120

This course investigates the principles of information systems audit, IT audit tools, and audit procedures to help in detection and prevention of security breaches and fraud. The course examines solutions for prevention, the role of information technology in business organizations, reporting requirements, and industry standards for IT governance.

**MIS/DSC 4350: Cloud & Collaboration Computing (3)** Prerequisite: CSC 2180 or CSC 2240 (grade of C or higher)

The course presents a top-down view of cloud computing, from applications and administration to programming and infrastructure. Topics include: overview of cloud computing, cloud systems, parallel processing, distributed storage systems, virtualization, security, and multi-core operating systems. Students will study popular cloud solutions (Google, Amazon, Microsoft, etc). Students will apply what they learn in projects and programs executed with Amazon Web Services.

**MIS/DSC 4500: Data Visualization (3)** Prerequisite: MTH 2180 or Permission of instructor

The course will introduce a general methodology to design effective visualizations. Students will design, build, and evaluate visualizations for different types of data, disciplines, and domains. Focus will be on non-spatial data and their inherent visualization requirements. Focus also on industry standards and applied techniques in practical scenarios. No graphics background is assumed or required.

**MIS 4990: Management Information Systems Seminar (1)** Prerequisite: Permission of instructor

A senior capstone course in which students select and present projects developed in information system management, to illustrate mastery of knowledge and skills acquired in their major discipline over the course of their studies at UVA Wise.

## COURSES IN MATHEMATICS

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**MTH 0900: Mathematics (3)**

Fundamental arithmetic operations; basic algebraic processes; linear equations in one and two unknowns; polynomials; factoring trinomials; solutions of quadratic equations. (A remedial course designed for students who are not prepared to take college-level mathematics courses. Offered for credit/no credit only.)

**MTH 1010: College Algebra (3)** Prerequisite: Satisfactory performance on placement test or successful completion of MTH 0900

Brief review of the basic concepts of algebra; equations and inequalities (absolute value, polynomial, radical, and rational); complex numbers; functions and their graphs; distance and midpoint formulas; circles; polynomial functions; modeling using variation; and systems of equations in two and three variables. (No credit is given for this course if a student has satisfactorily completed MTH 1110 or above.)

**MTH 1011: College Algebra Recitation (1)** Prerequisite: Satisfactory performance on placement test, successful completion of MTH 0900, or MTH 1010 instructor placement

Corequisite: MTH 1010

For students concurrently enrolled in MTH 1010, this recitation course is problem set based and provides directed help with the content presented in MTH 1010. The main objective of this course is to provide a structured learning environment for students who have algebraic deficiencies identified through the mathematics placement test or by the MTH 1010 instructor. (This course is offered on a credit/no credit basis).

**MTH 1050: Applications of Mathematics (3)** Prerequisite: Satisfactory performance on placement test or one of the following courses: MTH 1010 or MTH 1110 or permission of instructor.

MTH 1050 is a project-based course designed to provide students the opportunity to apply the mathematics they already know to real world problems. Topics include the mathematics of: budgeting and personal finance; diet and exercise; cost of living; mortgages, loans, and credit card debt; opening a small business; and constructing scale diagrams and models. This course is intended for students whose majors do not require precalculus or statistics.

**MTH 1110: Precalculus I (3)** Prerequisite: Satisfactory performance on the placement test or completion of MTH 1010 (grade of C or better)

Mathematical models; linear and quadratic functions, models, and applications; polynomial and rational functions and models; composite functions; inverse functions; exponential and logarithmic equations, functions and models; financial models; exponential growth and decay; and logistic growth and decay models. (This course is designed for students whose major requires precalculus or calculus.)

**MTH 1130: Matrix Algebra (1)** Prerequisite: MTH 1110 with C or better or permission of instructor

Writing and solving systems of equations using matrices. Matrix algebra, finding matrix inverses and using matrix inverses to solve systems. Computing determinants of matrices using cofactors and properties of determinants. Finding eigenvalues and eigenvectors.

**MTH 1180: Elementary Probability and Statistics (3)** Prerequisite: MTH 1010 or MTH 1110, or permission of instructor

Describing data with graphs and numerical measures; linear regression and correlation; rules of probability; random sampling; binomial, Poisson and normal distributions; hypotheses testing; and other topics such as Chi-Square, T- and F-distributions if time permits.

**MTH 1210: Precalculus II (3)** Prerequisites: Satisfactory performance on placement test or successful completion of MTH 1110 (grade of C or better) or permission of instructor

Inverse functions; exponents and logs; degrees and radians; arc length and sector area; trig functions on triangles and on the circle; trig graphs; trig identities; law of sines and cosines. Logarithm, exponent and trig applications are heavily emphasized.

**MTH 1950: Special Topics (1-3)** Prerequisite: Permission of instructor

**MTH 2010: Euclidean Geometry (3)** Prerequisite: Completion of 6 hours Liberal Arts Core mathematics credits with grade of C or better.

An application-oriented study of Euclidean geometry for students whose interests are in teaching K-8. Topics that will be emphasized include: foundations of geometry; introduction to proofs; triangles; parallel lines and polygons; ratio, proportion and similarity; right triangles and the Pythagorean Theorem; circles; and solid geometry. (MTH 2010 does not satisfy the Liberal Arts Core requirement or count toward a major or minor in mathematics.)

**MTH 2020: Problem Solving (3)** Prerequisite: Completion of 6 hours Liberal Arts Core mathematics credits with grade of C or better.

A study of topics from the foundations of mathematics, with emphasis on problem solving. Topics will include: steps in problem solving in mathematics; elementary set theory; elementary logic and mathematical proofs; elementary number theory; properties of integers and properties of rational numbers; lines and linear functions; combinatorics and probability; elementary statistics; sequences; and systems of linear equations. (MTH 2020 does not satisfy the Liberal Arts Core requirement or count toward a major or minor in mathematics.)

**MTH 2025: Methods for Teaching Mathematics (1)** Prerequisite: MTH 2020 or MTH 2010, and EDU 2510

A study of the mathematical topics for those seeking licensure or teaching Pre-K-6. Emphasis will be on content covered in grades 6-8. Methods of teaching mathematics to include middle school math content will be investigated. Topics to include: ratios, proportions, similar triangles, special triangles, trigonometric functions, patterns, arithmetic and geometric sequences and series. Venn diagrams.

**MTH 2040: Calculus I (4)** Prerequisite: MTH 1210 with a C or better or permission of instructor  
Limits and continuity; differentiation of algebraic, exponential, logarithmic and trigonometric functions; derivative as a rate of change; maxima and minima; applications; antiderivatives.

**MTH 2050: Calculus II (4)** Prerequisite: MTH 2040 with a C or better or permission of instructor  
Integration of algebraic, exponential, logarithmic, and trigonometric functions; arc length; areas; volumes; improper integrals; parametric equations; polar coordinates.

**MTH/STA 2180: Applied Probability and Statistics (3)** Prerequisite: MTH 1210 with a C or better

Numerical descriptive measures, basics of probability, sampling and sampling distributions, the normal distribution, confidence intervals and hypothesis tests for one and two samples, ANOVA, Chi-Square tests, multiple linear regression. Use of R statistical software.

**MTH 3030: Introduction to Linear Algebra with Applications (3)** Prerequisite: MTH 2040 with a C or better or permission of instructor

An application oriented study of linear algebra for non-math majors. Topics that will be emphasized include: systems of equations; subspaces; linear dependence and independence; linear transformations; matrices and matrix algebra; determinants; and eigenvalues and eigenvectors. (Students cannot receive credit for both MTH 3030 and MTH 3130.)

**MTH 3050: History of Mathematics for Teachers (3)** Prerequisite: MTH 2040 with a C or better or permission of instructor

An application oriented study of the history of mathematics for students whose interests are in teaching K-8. Emphasis is given to mathematicians and their contributions with a focus on various applications of their work. (Math 3050 does not count toward a major or minor in mathematics.)

**MTH 3060: Calculus III (4)** Prerequisite: MTH 2050 with a C or better or permission of instructor

Infinite sequences and series; lines and planes in space; vector valued functions; functions of several variables; partial derivatives; directional derivatives; gradients; maxima and minima; curvature

**MTH 3100: Introduction to Mathematical Proofs (3)** Prerequisite: MTH 2050 with a C or better or permission of instructor

Writing mathematical proofs. Exercises in set theory, number theory. Includes set operations, induction, the Fundamental Theorem of Arithmetic, relations, functions, and equivalence relations.

**MTH 3110: Ordinary Differential Equations (3)** Prerequisite: MTH 2050 with a C or better and either MTH 1130 or MTH 3030 with a C or better or permission of instructor

Classifications of ordinary differential equations; first order linear equations; first order nonlinear separable equations; second order and higher linear equations with constant coefficients; applications; other selected topics.

**MTH 3120: Introduction to Geometry (3)** Prerequisite: MTH 3100 with a C or better or permission of instructor

The history and development of Euclidean and non-Euclidean geometries. The axiomatic method and techniques of proof are emphasized.

**MTH 3130: Linear Algebra (3)** Prerequisite: Math 2040 and Math 1130, both with a C or better, or permission of instructor

Vector spaces; subspaces; linearly dependent and independent subsets; linear transformations; matrices; diagonalization; orthogonalization and inner product spaces. (Students cannot receive credit both for MTH 3030 and MTH 3130)

**MTH 3200: Introduction to Number Theory (3)** Prerequisite: MTH 3100 with a C or better or permission of instructor

Unique factorization theorem; linear Diophantine equations; linear congruences; Fermat's and Wilson's theorems; divisors of an integer; perfect numbers; Euler's theorem; numbers of other bases; quadratic congruences and reciprocity. (A course of interest and benefit to prospective teachers of mathematics.)

**MTH 3250: Probability and Statistics I (3)** Prerequisite: MTH 2050 with a C or better or permission of instructor

Methods in enumeration; discrete and continuous random variables; conditional and independent probability; mathematical expectation; mean, variance and standard deviation; principal distributions; and moment generating functions.

**MTH 3350: Abstract Algebra I (3)** Prerequisite: MTH 3100 with a C or better or permission of instructor

Groups; cyclic groups; normal subgroups; Lagrange's theorem; permutation groups; group homomorphisms; Cayley's theorem; elementary theory of rings and fields.

**MTH 3380: Introduction to Numerical Methods (3)** Prerequisites: MTH 2050 and either CSC 1010 or CSC 1180 with a C or better or permission of instructor

The theory and techniques of numerical computation involving interpolation methods; solution of systems of equations and methods of solving ordinary differential equations. Practice in the use of modern computers and programming. (Dual listing with CSC 3380.)

**MTH 3400: Multivariable Calculus (3)** Prerequisite: MTH 3060 and either MTH 3030 or MTH 3130 with a C or better or permission of instructor.

Geometry of Euclidean space; cylindrical and spherical coordinate systems; functions from  $R^n$  to  $R^m$ ; Jacobean matrix; double and triple integrals. Additional topics such as surface integrals, Green's and Stoke's theorems will be covered as time permits.

**MTH 3440: Advanced Calculus I (3)** Prerequisite: MTH 3100 with a C or better or permission of instructor

The real number system; sequences, convergence, and Cauchy criterion; continuous and differentiable functions; Mean Value Theorem; Taylor's series; and Riemann integral.

**MTH 3860, 3861: Cooperative Education Project I (1-6, 1-6)**

Students can obtain information from the Department Chair.

**MTH 3950, 3960: Special Topics (1-3)** Prerequisite: MTH 2050 and permission of instructor  
Advanced undergraduate mathematics topics.

**MTH 4260: Probability and Statistics II (3)** Prerequisite: MTH 3250 with a C or better

Central Limit Theorem; joint, marginal and conditional distributions; covariance; transformations of random variables; parametric and nonparametric two-sample hypotheses tests; parameter estimation; and confidence levels.

**MTH 4360: Abstract Algebra II (3)** Prerequisite: MTH 3350 with a C or better

Ideal and factor rings; integral domains; ring homomorphism; polynomial factorization; field extensions; Galois theory.

**MTH 4450: Advanced Calculus II (3)** Prerequisite: MTH 3440 with a C or better

A continuation of MTH 3440.

**MTH 4860, 4861: Cooperative Education Project II (1-6, 1-6)**

Students can obtain information from the Department Chair.

**MTH 4990: Mathematics Seminar (Capstone Course) (1)** Prerequisites: MTH 3060, Junior or Senior Status, declared major and approval of Department Chair.

This course should be taken concurrently with (or following) an approved advanced mathematics course. Study of a topic related to the material in advanced course will be required along with completion of project in consultation with the instructor. The student will be required to present a summary of the project, both orally and in writing, demonstrating critical thinking and problem-solving ability.

**MTH 4950, 4960: Special Topics (1-3)** Prerequisite: MTH 3060 and permission of instructor  
Advanced undergraduate mathematics topics.

**MTH 4970: Independent Study (1-3)**

## **COURSES IN SOFTWARE ENGINEERING**

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**SWE 1790: Engineering Leadership (3)**

Professionalism, group dynamics, professional ethics, psychology, social responsibility of engineers, legal issues for engineers, negotiation skills, documentation practice.

**SWE 2300: Software Engineering (3)** Prerequisite or corequisite: CSC 2180

Development of a total system concept is emphasized. Project planning, requirements analysis, system design, program design, program implementation, program testing, system testing, system delivery, maintenance, documentation, and examining the development process. Societal and ethical impacts of software solutions are stressed. Dual listed with CSC 2300.

**SWE 3110: Software Requirements and Design (3)** Prerequisite or corequisite: CSC 2180 with a C or better

This course provides an introduction to the concepts and methods required to successfully design professional large-scale software systems. It covers fundamental topics in software requirements: requirement elicitation, prioritization, analysis, negotiation, and validation; and design: UML, architectural views, styles, and patterns, component design, creation and behavioral design patterns, design quality evaluation, and multiple design techniques. Ethical, societal, and professional issues present in software design will be stressed.

**SWE 3120: Software Testing (3)** Prerequisite: CSC 2180 and MTH 2180

Requirements oriented testing, test plan design, effective testing techniques, test coverage evaluation, statistical techniques for testing, reviews and inspections. Societal and ethical implications of software testing and quality are discussed.

**SWE 3240: Software Quality and Configuration Management (3)** Prerequisite: CSC 2180 and MTH 2180



This course provides an introduction to the quality and software configuration management activities required to successfully control the evolution of professional large-scale software systems. Fundamental topics in software quality assurance such as CMMI, Six Sigma and Total quality management are covered. It also covers configuration activities such as planning, change control and management, version control, configuration tools, and release management and how these activities contribute to and impact software quality. Societal and ethical implications of software quality will be emphasized.

**SWE 3420: Software Maintenance (3)** Prerequisite: CSC 2180 and MTH 2180

This course will look into the theory and practice of software maintenance. Students will be working on previous projects to craft an updated or a correct solution to a previous piece of software. Topics include: Evolution and Maintenance Models; Reengineering; Legacy Information Systems; Impact Analysis; Refactoring; Program Comprehension; and Reuse and Domain Engineering. Adaptive, preventive, perfective and corrective maintenance will be covered.

**SWE 4240: Software Project Management (3)** Prerequisite: CSC 2180 with a C or better

Project planning and documentation, management tools, cost estimation, productivity, metrics, options and risks, expectations management, contracts, intellectual property, process standards, long-term maintenance, progress measurement, earned value analysis, legal document management, project management standards. Societal and ethical impacts of project management are considered.

**SWE 4980/4990: Capstone Project I and II (1, 1)** Prerequisite: MTH 2050 Corequisite: MTH 2050

Group project utilizing and demonstrating all software engineering skills of the major requirements. Student conceived and marketed product is developed with complete documentation, quality control, and configuration management. Societal and ethical impact of the project development will be emphasized.

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## DEPARTMENT OF NATURAL SCIENCES

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**Degrees:** Bachelor of Science in Natural Science and Bachelor of Arts in Natural Science

**Majors:** Biochemistry, Biology, Chemistry, Earth Sciences, Environmental Science and Medical Technology/Clinical Laboratory Science

**Chair:** Robin L. Woodard

**Department Faculty:** Jason Borgus, Teresa Brown, Bruce Cahoon, Jan Fiala, Heather Gordon, Ryan Huish, Trevor Makal, Victoria Makal, Suresh Mummadi, Josephine Rodriguez, Galen Sedo, S. Michael Shell, Walter Smith, Adriana Undreiu, Robin L. Woodard

**Clinical Laboratory Science/Medical Technology Clinical Liaison:**

Laura Link, M.S., MLS (ASCP) CM, CHES. Program Director and Assistant Professor, Radford University

The Department of Natural Sciences offers Bachelor of Arts and Bachelor of Science degrees in natural science with majors in biochemistry, biology, chemistry, earth science, environmental science and medical technology/clinical laboratory science. It offers minors in biology, chemistry, earth science, public health and physics. Teacher licensure is available in Biology, Chemistry, and/or Earth Science. Courses are taught in astronomy, biochemistry, biology, chemistry, environmental science, geology, geography, physics, and science education.

Pre-professional studies are available for students seeking careers in dentistry, forestry, medicine, pharmacy, physical therapy, and veterinary medicine.

Advanced placement and credit by examination may be awarded in accordance with college-wide policies. Outstanding students may be graduated with honors after meeting the criteria set by College-wide policy. For all majors in the department, a grade point average of 2.50 or higher is required in all courses needed for the major. All majors must achieve a satisfactory score on the Major Fields Test required for the major.

Students may meet the degree requirements and design individual curricula to emphasize preparation for graduate school, professional schools, government, or private employment.

# BACHELOR OF SCIENCE IN NATURAL SCIENCES

## BIOCHEMISTRY MAJOR

**Coordinator:** Victoria Makal

<b>BIOCHEMISTRY MAJOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b><i>Required Biology Courses</i></b>		
BIO 1010/1011	Principles of Biology and Lab	4
BIO 1020/1021	Introduction to Biological Diversity & Lab	4
BIO 2010	Topics in Cell Biology	3
BIO 2015	Laboratory Methods in Biology	3
BIO 3110	Cellular Communications	3
BIO 3600	Molecular Genetics	4
<b><i>Required Chemistry Courses</i></b>		
CHM 1010/1011	College Chemistry I and Lab	4
CHM 1020/1021	College Chemistry II and Lab	4
CHM 3010/3011	Organic Chemistry I and Lab	5
CHM 3020/3021	Organic Chemistry II and Lab	5
CHM 3210	Quantitative Analytical Chemistry	5
CHM 3310	Introduction to Physical Chemistry	4
<b><i>Required Biochemistry Courses</i></b>		
BCH 3010	Biochemistry I	3
BCH 3020	Biochemistry II	3
BCH 4980	Biochemistry Seminar I	1
BCH 4990	Biochemistry Seminar II	1
<b><i>Other Required Courses</i></b>		
MTH 1180	Elementary Probability and Statistics	3
MTH 2040	Calculus I	4
MTH 2050	Calculus II	4
PHY 3010	College Physics I	4
PHY 3011	College Physics Lab I	1
PHY 3020	College Physics II	4
PHY 3021	College Physics Lab II	1
One Elective From:	BIO 3120 (4), 3140 (3), 3150 (3), 3210 (4), 4110 (3), 4320 (3), 4500 (3); CHM 3110 (3), 3220 (4), 3410 (3), 3750 (3), 4210 (3); MTH 3060 (4)	3-4
<b>TOTAL</b>		<b>80-81</b>

## **BACHELOR OF ARTS IN NATURAL SCIENCES**

### **BIOCHEMISTRY MAJOR 3 + 3 PROGRAM**

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**Coordinator:** Victoria Makal

The University of Virginia's College at Wise has a 3+3 Dual-Degree Articulation agreement with Appalachia College of Pharmacy (ACP) that provides a pathway for motivated students to obtain both a bachelor's degree (BA Biochemistry) and doctorate of pharmacy (PharmD) in six academic years – a course of study that typically takes eight years. Benefits to the students include but are not limited to:

1. Elimination of two years of academic work
2. Elimination of two years of academic cost
3. Receipt of two degrees (BA and PharmD) upon successful completion of the program,
4. Guaranteed admission to Appalachian College of Pharmacy upon successful completion of the BA Biochemistry curriculum at UVA Wise
5. Accelerated entry into the workforce

#### ***Declaration and Application***

Student interested in pursuing the Dual-Degree route must make an appointment with the Chair of the Natural Science Department to declare their intent to apply. The Chair will then refer the student application to the UVA Wise Pre-Pharmacy Committee for academic review and entrance interview. Upon recommendation of the Pre-Pharmacy Committee, the department will notify the Office of the Registrar to declare the major and assign an advisor. The Pre-Pharmacy Advisor will notify the ACP liaison of the applicant's acceptance.

In order to receive a BA in Biochemistry Degree from UVA Wise, candidates must:

1. Complete the UVA Wise Liberal Arts Core.
2. Complete BA Biochemistry curriculum as prescribed below.
3. Complete first two years of didactic coursework at ACP.
4. Maintain an overall GPA of 2.5 and a minimum STEM GPA of 2.5
5. Apply for graduation with the UVA Wise Office of the Registrar by March 1 of their second year at APC.

<b>BIOCHEMISTRY MAJOR DUAL DEGREE PROGRAM</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b><i>Required Biology Courses</i></b>		
BIO 1010/1011	Principles of Biology and Lab	4
BIO 1030/1031	Basic Life Functions and Lab	4
BIO 2310/2311	Intro to Anatomy and Physiology I and Lab	4
BIO 2320/2321	Intro to Anatomy and Physiology II and Lab	4

BIO 3210	Microbiology	4
<b>Required Chemistry Courses</b>		
CHM 1010/1011	College Chemistry I and Lab	4
CHM 1020/1021	College Chemistry II and Lab	4
CHM 3010/3011	Organic Chemistry I and Lab	5
CHM 3020/3021	Organic Chemistry II and Lab	5
<b>Required Biochemistry Courses</b>		
BCH 3010	Biochemistry I	3
BCH 3020	Biochemistry II	3
BCH 4980	Biochemistry Seminar I	1
BCH 4990	Biochemistry Seminar II	1
<b>Other Required Courses</b>		
MTH 1180	Elementary Probability and Statistics	3
MTH 2040	Calculus I	4
MTH 2050	Calculus II	4
PHY 3010/3011	College Physics I and Lab	5
PHY 3020/3021	College Physics II and Lab	5
<b>Other Requirements:</b>		
Intro to Psychology (PSY 1100), Intro to Sociology (SOC 1100) and Microeconomic Principles (ECO 2050) are required Liberal Core courses. A minimum of 24 hours of science and math courses must be taken at UVA Wise.		
<b>TOTAL</b>		<b>67</b>

## BACHELOR OF SCIENCE IN NATURAL SCIENCES BIOLOGY MAJOR

**Coordinator:** Robin Woodard

CELL & MOLECULAR BIOLOGY TRACK		
COURSE CODE	TITLE	CREDIT HOURS
<b>Required Biology Courses</b>		
BIO 1010/1011	Principles of Biology and Lab	4
BIO 1020/1021 <b>OR</b> BIO 1030/1031	Introduction to Biological Diversity and Lab Basic Life Functions and Lab	4
BIO 2010	Topics in Cell Biology	3
BIO 2015	Laboratory Methods in Biology	3
BIO 2050	Evolutionary Processes	3
BIO 2025	Biostatistics	3
BIO 3110	Cellular Communications	3
BIO 3210	Microbiology	4

BIO 3600	Molecular Genetics	4
BIO 3980/3990	Junior Seminar Series	2
BIO 4990	Senior Seminar	1
<b>At least one course from each of the three groups below (Plants, Animals, Molecular)</b>		
<b>PLANTS – Choose One From Group 1</b>		
BIO 3130	Plant Physiology and Cell Function (4)	3-4
BIO 3250	Local Flora (4)	
BIO 3290	General Botany (4)	
BIO 4500	Medicinal Plants (3)	
<b>ANIMALS – Choose One From Group 2</b>		
BIO 3120	Animal Physiology (4)	4
BIO 3260	Vertebrate Zoology (4)	
BIO 3270	Invertebrate Zoology (4)	
BIO 3280	Parasitology (4)	
BIO 3370	Herpetology (4)	
<b>MOLECULAR – Choose One From Group 3</b>		
BIO 3140	Developmental Biology (3)	3
BIO 3150	Immunology and Serology (3)	
BIO 4110	Virology (3)	
BCH 4100	Nucleic Acid Transactions (3)	
BIO 4320	Principles of Toxicology (3)	
<b>Other Required Courses</b>		
BCH 3010	Biochemistry I	3
BCH 3020	Biochemistry II	3
CHM 1010/1011	College Chemistry I and Lab	4
CHM 1020/1021	College Chemistry II and Lab	4
CHM 3010/3011	Organic Chemistry I and Lab	5
CHM 3020/3021	Organic Chemistry II and Lab	5
PHYSICS	PHY 1010/1011 Intro to Physics I & Lab <b>OR</b> PHY 3010/3011 College Physics I & Lab	5
MTH 2040	Calculus I	4
<b>TOTAL</b>		<b>77-78</b>

<b>ECOLOGY, EVOLUTION &amp; ORGANISMAL TRACK</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>Required Biology Courses</b>		
BIO 1010/1011	Principles of Biology and Lab	4
BIO 1020/1021	Introduction to Biological Diversity and Lab	4
BIO 1030/1031	Basic Life Functions and Lab	4
BIO 2010	Topics in Cell Biology	3
BIO 2015	Laboratory Methods in Biology	3

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BIO 2025	Biostatistics	3
BIO 2040	Ecology	4
BIO 2050	Evolutionary Processes	3
BIO 3210	Microbiology	4
BIO 3260	Vertebrate Zoology	4
BIO 3270	Invertebrate Zoology	4
BIO 3290	General Botany	4
BIO 3600	Molecular Genetics	4
BIO 3980/3990	Junior Seminar Series	2
BIO 4990	Senior Seminar	1
<b>Two Additional Courses Chosen from the Following:</b>		
BIO 3120	Animal Physiology	4
BIO 3130	Plant Physiology and Cell Function	4
BIO 3140	Developmental Biology	3
BIO 3150	Immunology and Serology	3
BIO 3250	Local Flora	4
BIO 3275	Entomology	4
BIO 3280	Parasitology	4
BIO 3330	Conservation Biology	3
BIO 3370	Herpetology	4
BIO 3510	Natural History of the Appalachian	3
BIO 4110	Virology	3
BIO 4320	Principles of Toxicology	3
BIO 4500	Medicinal Plants	3
GLG 3010	Historical Geology	4
<b>Other Required Courses</b>		
CHM 1010/1011	College Chemistry I and Lab	4
CHM 1020/1021	College Chemistry II and Lab	4
CHM 3010/3011	Organic Chemistry I and Lab	5
PHYSICS	PHY 1010/1011 Intro to Physics I & Lab <b>OR</b> PHY 3010/3011 College Physics I & Lab	5
MTH 2040	Calculus I	4
<b>TOTAL</b>		<b>79-81</b>

<b>GENERAL BIOLOGY TRACK</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>Required Biology Courses</b>		
BIO 1010/1011	Principles of Biology and Lab	4
BIO 1020/1021	Introduction to Biological Diversity and Lab	4
BIO 1030/1031	Basic Life Functions and Lab	4
BIO 2010	Topics in Cell Biology	3
BIO 2015	Laboratory Methods in Biology	3

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BIO 2025	Biostatistics	3
BIO 2050	Evolutionary Processes	3
BIO 3210	Microbiology	4
BIO 3600	Molecular Genetics	4
BIO 3980/3990	Junior Seminar Series	2
BIO 4990	Senior Seminar	1
<b>At least one course from each of the three groups below (Plants, Animals, Molecular)</b>		
<b>PLANTS – Choose One From Group 1</b>		
BIO 3130	Plant Physiology and Cell Function (4)	3-4
BIO 3250	Local Flora (4)	
BIO 3290	General Botany (4)	
BIO 4500	Medicinal Plants (3)	
<b>ANIMALS – Choose One From Group 2</b>		
BIO 3120	Animal Physiology (4)	4
BIO 3260	Vertebrate Zoology (4)	
BIO 3270	Invertebrate Zoology (4)	
BIO 3280	Parasitology (4)	
BIO 3370	Herpetology (4)	
<b>MOLECULAR – Choose One From Group 3</b>		
BIO 3140	Developmental Biology (3)	3
BIO 3150	Immunology and Serology (3)	
BIO 4110	Virology (3)	
BCH 4100	Nucleic Acid Transactions (3)	
BIO 4320	Principles of Toxicology (3)	
<b>Two Additional Biology Courses at the 3000-level or Above</b>		
<b>BCH 3010/3020 may be used to fulfill this requirement.</b>		
<b>BIO 4700, 4710, 4860, 4861, and 4970 may NOT be used to fulfill this requirement.</b>		
BIO 3XXX/4XXX	Biology Course 3000-level or higher	3-4
BIO 3XXX/4XXX	Biology Course 3000-level or higher	3-4
<b>Other Required Courses</b>		
CHM 1010/1011	College Chemistry I and Lab	4
CHM 1020/1021	College Chemistry II and Lab	4
CHM 3010/3011	Organic Chemistry I and Lab	5
PHYSICS	PHY 1010/1011 Intro to Physics I & Lab <b>OR</b> PHY 3010/3011 College Physics I & Lab	5
MTH 2040	Calculus I	4
<b>TOTAL</b>		<b>73-77</b>



# BACHELOR OF ARTS IN NATURAL SCIENCES

## BIOLOGY MAJOR

Coordinator: Robin Woodard

<b>BIOLOGY MAJOR – BACHELOR OF ARTS</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b><i>Required Biology Courses</i></b>		
BIO 1010/1011	Principles of Biology and Lab	4
BIO 1020/1021	Introduction to Biological Diversity and Lab	4
BIO 1030/1031	Basic Life Functions and Lab	4
BIO 2010	Topics in Cell Biology	3
BIO 2015	Laboratory Methods in Biology	3
BIO 2050	Evolutionary Processes	3
BIO 3600	Molecular Genetics	4
BIO 3980	Preparing for Life as a Scientist	1
BIO 4990	Senior Seminar	1
<b><i>At least one course from each of the three groups below (Plants, Animals, Molecular)</i></b>		
<b>PLANTS – Choose One From Group 1</b>		
BIO 3130	Plant Physiology and Cell Function (4)	3-4
BIO 3250	Local Flora (4)	
BIO 3290	General Botany (4)	
BIO 4500	Medicinal Plants (3)	
<b>ANIMALS – Choose One From Group 2</b>		
BIO 3120	Animal Physiology (4)	4
BIO 3260	Vertebrate Zoology (4)	
BIO 3270	Invertebrate Zoology (4)	
BIO 3280	Parasitology (4)	
BIO 3370	Herpetology (4)	
<b>One Additional Biology Courses at the 3000-level or Above</b>		
<b>BIO 4700, 4710, 4860, 4861, and 4970 may NOT be used to fulfill this requirement.</b>		
BIO 3XXX/4XXX	Biology Course 3000-level or higher	3-4
<b>Other Required Courses</b>		
CHM 1010/1011	College Chemistry I and Lab	4
CHM 1020/1021	College Chemistry II and Lab	4
MTH 1180	Elementary Probability and Statistics	3
PHYSICS	PHY 1010/1011 Intro to Physics I & Lab <b>OR</b> PHY 3010/3011 College Physics I & Lab	5
MTH 2040	Calculus I	4
FOREIGN LANGUAGE	Sequence terminating in course number 2020 (FRE or SPA or GER 2010 & 2020)	6
<b>TOTAL</b>		<b>63-65</b>

## **MINOR IN BIOLOGY**

A minor in biology requires a 2.0 average in at least twenty-one (21) credit hours of biology courses, to include the following:

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
BIO 1010/1011	Principles of Biology and Lab	4
BIO 1020/1021	Introduction to Biological Diversity and Lab	4
BIO 1030/1031	Basic Life Functions and Lab	4
BIO 2010	Topics in Cell Biology	3
BIO 2050	Evolutionary Processes	3
BIO 3XXX/4XXX	Any other upper-division biology course -- BIO 4700, 4710, 4860, 4861, 4970 may <b>NOT</b> be used to fulfill this requirement	3-4
<b>TOTAL</b>		<b>21-22</b>

## **RESEARCH HONORS IN BIOLOGY**

The Biology Program is pleased to award graduation with honors to students who distinguish themselves in research. To earn honors, students must submit a contract for research in biology and fulfill all requirements of the contract to the satisfaction of the biology program and the Department of Natural Sciences.

## **TEACHER LICENSURE IN BIOLOGY**

Licensure to teach biology may be obtained by completing the requirements for either the Bachelor of Arts or the Bachelor of Science degrees, in addition to the professional education requirements for secondary school certification. Students should consult the Director of Teacher Education for specific requirements.

## **BACHELOR OF SCIENCE IN NATURAL SCIENCES**

### **CHEMISTRY MAJOR, ACS Certified**

Coordinator: Galen Sedo

Our Bachelor of Science in Chemistry is approved by the American Chemical Society. To be successful, a professional chemist requires a broad base of both scientific knowledge and professional skills. The guidelines for a certified bachelor's degree, as defined by the ACS Committee on Professional Training, were developed specifically to prepare students for success in a broad array of careers. Independent of whether you intend to move into an industrial position, pursue graduate study in a chemical field, or enter into another professional career

track that requires rigorous scientific training, you will benefit from being able to build on a strong background that includes chemical knowledge, laboratory competency and safe laboratory practices, oral and written communication skills, familiarity with the chemical literature, and experience with working both independently and as part of a team.

<b>CHEMISTRY MAJOR – BACHELOR OF SCIENCE</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>HOURS</b>
<b><i>Required Courses</i></b>		
CHM 1010/1011	College Chemistry I and Lab	4
CHM 1020/1021	College Chemistry II and Lab	4
CHM 3010/3011	Organic Chemistry I and Lab	5
CHM 3020/3021	Organic Chemistry II and Lab	5
CHM 3110	Inorganic Chemistry	3
CHM 3111	Inorganic Chemistry Lab	2
CHM 3210	Quantitative Analytical Chemistry	5
CHM 3220	Instrumental Methods of Analysis	4
CHM 3330	Physical Chemistry I	4
CHM 3340	Physical Chemistry II	4
CHM 4980-4990	Chemistry Seminar I and II	2
BCH 3010	Biochemistry I	3
CHM 3XXX/4XXX	At least one additional upper level Chemistry course	3-4
PHY 3010/3011	College Physics I and Lab	5
PHY 3020/3021	College Physics II and Lab	5
MTH 2040	Calculus I	4
MTH 2050	Calculus II	4
MTH 3060	Calculus III	4
<b>One course in mathematics or computer science selected from the following:</b>		
MTH 3110	Ordinary Differential Equations	3
MTH 3030	Introduction to Linear Algebra with Applications	3
CSC 1180	Foundations of Computer Programming in C++	4
<b>TOTAL</b>		<b>73-75</b>

## BACHELOR OF ARTS IN NATURAL SCIENCES

### CHEMISTRY MAJOR

Coordinator: Galen Sedo

<b>CHEMISTRY MAJOR – BACHELOR OF ARTS</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b><i>Required Courses</i></b>		
CHM 1010/1011	College Chemistry I and Lab	4
CHM 1020/1021	College Chemistry II and Lab	4

CHM 3010/3011	Organic Chemistry I and Lab	5
CHM 3020/3021	Organic Chemistry II and Lab	5
CHM 3110	Inorganic Chemistry	3
CHM 3111	Inorganic Chemistry Lab	2
CHM 3210	Quantitative Analysis	5
CHM 3310	Introduction to Physical Chemistry	4
CHM 4980-4990	Chemistry Seminar I and II	2
CHM XXXX OR BIO XXXX	Chemistry elective or Biology elective with laboratory	3-4
PHY 1010/1011	Introduction to Physics I and Lab	5
PHY 1020/1021	Introduction to Physics II and Lab	5
MTH 1180	Elementary Probability and Statistics	3
MTH 2040	Calculus I	4
MTH 2050	Calculus II	4
<b>TOTAL</b>		<b>58-59</b>

## ***MINOR IN CHEMISTRY***

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
CHM 1010/1011	College Chemistry I and Lab	4
CHM 1020/1021	College Chemistry II and Lab	4
CHM 3010/3011	Organic Chemistry I and Lab	5
CHM 3210	Quantitative Analytical Chemistry	5
CHM 3310 <b>OR</b> CHM 3330	Introduction to Physical Chemistry Physical Chemistry I	4
<b>TOTAL</b>		<b>22</b>

Substitutions are allowed with the permission of the Department Chair.

## ***TEACHER LICENSURE IN CHEMISTRY***

Teacher Licensure in Chemistry may be obtained by completing either the Bachelor of Arts or Bachelor of Science Degree in Natural Science with a Major in Chemistry and also completing the professional education requirements for secondary school licensure. Students should consult the Director of Teacher Education for specific requirements.

## BACHELOR OF ARTS IN NATURAL SCIENCES

### EARTH SCIENCES MAJOR

<b>EARTH SCIENCES MAJOR – BACHELOR OF ARTS</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b><i>Required Courses</i></b>		
GLG 1010	Physical Geology	4
GLG 2005	Introduction to Oceanography	4
GLG 2010	Meteorology	4
GLG 3010	Historical Geology	4
GLG 3020	Environmental Geology	3
GLG 3030	Rocks and Rock-forming Minerals	5
GLG 3XXX/4XXX	GLG elective at 3000-level or higher, 3 or more hours	3-5
PHY 1000/1001	Introduction to Astronomy Lab	4
BIO 1010/1011	Principles of Biology and Lab	4
CHM 1010/1011	College Chemistry I and Lab	4
ENV 4980/4990	Environmental Science Seminar 1.2	4
MTH 1180	Elementary Probability and Statistics	3
MTH 2040	Calculus I	4
<b>Choose one GROUP from the following three GROUPS:</b>		
<b>GROUP 1</b>		
BIO 1020/1021	Introduction to Biological Diversity and Lab	4
BIO 3510 <b>OR</b> BIO 2040	Natural History of the Appalachians Ecology	3-4
<b>GROUP 2</b>		
CHM 1020/1021	College Chemistry and Lab	4
ENV 3030	Environmental Chemistry	4
<b>GROUP 3</b>		
PHY 1010/1011	Introduction to Physics I and Lab	5
PHY 1020/1021	Introduction to Physics II and Lab	5
<b>Other courses may be used with permission of the Department Chair</b>		
<b>TOTAL</b>		<b>58-60</b>

## MINOR IN EARTH SCIENCES

COURSE CODE	TITLE	CREDIT HOURS
<b>Required Courses</b>		
GLG 1010	Physical Geology	4
GLG 3010	Historical Geology	4
GLG 3030	Rocks and Rock-forming Minerals	5
Elective courses to make at least 19 hours may include any geology course numbered 1010 or above; PHY 1000: Introduction to Astronomy I; or ENV 3015: Soils and Land Restoration.		6
<b>TOTAL</b>		<b>19</b>

## TEACHER LICENSURE IN EARTH SCIENCES

Licensure to teach with an endorsement in earth science may be obtained by earning an endorsement in another science discipline and completing at least 18 credit hours in earth sciences including at least one course from each of the following areas: geology, oceanography, meteorology, and astronomy. Students should consult the director of the Teacher Education Program and must complete appropriate professional education requirements.

## BACHELOR OF ARTS IN NATURAL SCIENCES

### ENVIRONMENTAL SCIENCE MAJOR

The Bachelor of Arts in Natural Sciences: Environmental Science major requires the completion of a core of courses in the natural sciences plus an approved minor course of study (or a second major in consultation with an advisor). Students pursuing the Bachelor of Arts: Environmental Science major may not minor in Biology, Chemistry, or Earth Science.

<b>ENVIRONMENTAL SCIENCE MAJOR – BACHELOR OF ARTS</b>		
COURSE CODE	TITLE	CREDIT HOURS
<b>Required Courses</b>		
BIO 1010/1011	Principles of Biology and Lab	4
BIO 1020/1021	Introduction to Biological Diversity and Lab	4
BIO 2025	Biostatistics	3
BIO 2040	Ecology	4
BIO 3330	Conservation Biology	3
CHM 1010/1011	College Chemistry I and Lab	4
CHM 1020/1021	College Chemistry II and Lab	4
ENV 3030	Environmental Chemistry	4

ENV 4980/4990	Environmental Science Seminar I and II	4
GEO 2030 <b>OR</b> GEO 2050	Geographic Information Systems <b>OR</b> Introduction to Remote Sensing	3
GLG 1010	Physical Geology	4
GLG 3020	Environmental Geology	3
PHY 1010/1011	Introduction to Physics I and Lab	5
MTH 2040	Calculus I	4
<b>Minor course of study (NOT Biology, Chemistry or Earth Science)</b>		18-22
<b>TOTAL</b>		<b>71-75</b>

## BACHELOR OF SCIENCE IN NATURAL SCIENCES ENVIRONMENTAL SCIENCE MAJOR

All Bachelor of Science in Natural Sciences: Environmental Science majors require the completion of a core of courses in the natural sciences plus an area of concentration in Biology, Chemistry or Earth Science.

<b>ENVIRONMENTAL SCIENCE MAJOR – BACHELOR OF SCIENCE</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<i>Required Courses</i>		
BIO 1010/1011	Principles of Biology and Lab	4
BIO 1020/1021	Introduction to Biological Diversity and Lab	4
BIO 2025	Biostatistics	3
BIO 2040	Ecology	4
CHM 1010/1011	College Chemistry I and Lab	4
CHM 1020/1021	College Chemistry II and Lab	4
ENV 2010	Environmental Health	3
ENV 3030/CHM 3030	Environmental Chemistry	4
ENV 4980/4990	Environmental Science Seminar I and II	4
GEO 2030 <b>OR</b> GEO 2050	Geographic Information Systems <b>OR</b> Introduction to Remote Sensing	3
GLG 1010	Physical Geology	4
GLG 3020	Environmental Geology	3
GLG 3080	Geological Methods	3
PHY 1010/1011	Introduction to Physics I and Lab	5
MTH 2040	Calculus I	4
<b>CHOOSE FROM ONE OF THE THREE TRACKS BELOW</b>		
<b>BIOLOGY TRACK</b>		
BIO 3210	Microbiology	4
BIO 3270	Invertebrate Zoology	4
BIO 3290	General Botany	4
BIO 3330	Conservation Biology	3

<b>Choose at least 11 hours from the following list:</b>		
BIO 3250	Local Flora	11-13
BIO 3260	Vertebrate Zoology	
BIO 4320	Principles of Toxicology	
CHM 3010/3011	Organic Chemistry I and Lab	
GLG 3010	Historical Geology	
<b>CHEMISTRY TRACK</b>		
CHM 3010/3011	Organic Chemistry I and Lab	5
CHM 3210	Quantitative Analytical Chemistry	5
PHY 1020/1021	Introduction to Physics II and Lab	5
MTH 2050	Calculus II	4
<b>Choose at least 7 hours from the following list:</b>		
BCH 3010	Biochemistry I	7-9
CHM 3020/3021	Organic Chemistry II and Lab	
CHM 3220	Instrumental Methods of Analysis	
CHM 3310	Introduction to Physical Chemistry	
ENV/GLG 3015	Soils and Land Restoration	
<b>EARTH SCIENCES TRACK</b>		
GLG 3010	Historical Geology	4
GLG 3030	Rocks and Rock-forming Minerals	5
GLG 4010	Hydrogeology	4
ENV/GLG 3015	Soils and Land Restoration	4
<b>Choose at least 9 hours from the following list:</b>		
GLG 2010	Introduction to Meteorology	9-10
GLG 3040	Low-temperature Geochemistry	
GLG 3050	Geology of Natural Resources	
CHM 3210	Quantitative Analytical Chemistry	
CHM 3010/3011	Organic Chemistry I and Lab	
CHM 3310	Introduction to Physical Chemistry	
PHY 1020/1021	Introduction to Physics II and Lab	
MTH 2050	Calculus II	
<b>TOTAL</b>		<b>79-84</b>

## **BACHELOR OF SCIENCE IN NATURAL SCIENCES MEDICAL TECHNOLOGY/CLINICAL LABORATORY SCIENCE MAJOR**

Coordinator: Robin Woodard

The curriculum of this degree program consists of three years of academic work at UVA Wise followed by a 12-month period of specialized training (including classroom and hospital



laboratory rotations) in the Clinical Laboratory Science/Medical Technology program at a cooperating school of Clinical Laboratory Science/Medical Technology accredited by the National Accrediting Agency for Clinical Laboratory Services (NAACLS). UVA Wise has an affiliation agreement with Radford University.

Admission to the schools of Clinical Laboratory Science/Medical Technology is open to students in the Clinical Laboratory Science/Medical Technology degree program who have completed the Liberal Arts Core requirements and the science courses listed below. It is also open to those who hold, or will hold before admission, a baccalaureate degree in biology or chemistry with courses in organic chemistry, microbiology and immunology. Students apply for admission during the junior year. Acceptance is competitive. The minimum grade point average for acceptance is 2.0 with 2.5 in biology, chemistry and mathematics. Acceptance is based on grades, experience, references, and an interview.

Students enrolled in a school of Clinical Laboratory Science/Medical Technology must register for two semesters at UVA Wise, take BIO 4410-4420, and pay full tuition. In general, the cost of a Clinical Laboratory Science/Medical Technology school is about the same as three semesters of college. Special scholarships for Clinical Laboratory Science/Medical Technology students are listed under Financial Aid.

After successful completion of the program, a student will be able to take examinations for certification given by the Board of Registry of Medical Technologists of the American Society of Clinical Pathologists.

Clinical Laboratory Science/Medical Technology students must meet all the degree requirements of UVA Wise. A student must have a total of 103 credit hours of academic credit before clinical training. This includes Liberal Arts Core requirements.

<b>MEDICAL TECHNOLOGY/CLINICAL LABORATORY SCIENCE MAJOR – BS</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b><i>COURSES MUST INCLUDE THE FOLLOWING:</i></b>		
BIO 1010/1011	Principles of Biology and Lab	4
BIO 1020/1021	Introduction to Biological Diversity and Lab	4
BIO 2010	Topics in Cell Biology	3
BIO 2015	Laboratory Methods in Biology	2
BIO 2310/2311	Introduction to Anatomy and Physiology I	4
BIO 2320/2321	Introduction to Anatomy and Physiology II	4
BIO 3150	Immunology and Serology	3
BIO 3210	Microbiology	4
BIO 4410/4420	Clinical Training	32
CHM 1010/1011	College Chemistry I and Lab	4
CHM 1020/1021	College Chemistry II and Lab	4
CHM 3010/3011	Organic Chemistry I and Lab	5
CHM 3020/3021	Organic Chemistry II and Lab	5
MTH 1110	Precalculus I	3

MTH 1210	Precalculus II	3
MTH 1180	Elementary Probability and Statistics	3
PHY 1010/1011	Introduction to Physics I and Lab	5
<b>TOTAL</b>		<b>92</b>

Courses listed above may also be counted toward a baccalaureate degree with a major in biology. Students who have taken two semesters of foreign language as electives should be able to complete a Bachelor of Arts degree in biology during a fourth year at UVA Wise if they do not enter clinical training at a medical technology/clinical laboratory science school. (Note: BCH 3010/3020: Biochemistry I/II are strongly recommended.)

### ***MINOR IN PHYSICS***

A minor in physics includes PHY 3010/3011, PHY 3020/3021, and at least eight additional credit hours in physics courses numbered 3000 or above.

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
PHY 3010/3011	College Physics I and Lab	5
PHY 3020/3021	College Physics II and Lab	5
At least eight additional credit hours in physics courses numbered 3000 or above.		8
<b>TOTAL</b>		<b>18</b>

### ***MINOR IN PUBLIC HEALTH***

The minor in public health is designed to introduce students to the field of public health, including historical development, foundational principles, professional opportunities, and global health and contemporary public health issues. It will serve as a foundation for further study in various fields such as public health, social sciences, health professions, law, technology, and health care management.

Students will develop intellectual and practical skills, personal and social responsibility, and participate in interdisciplinary, integrative and applied learning. The minor will consist of 18 credit hours, 12 of which must be at the 3000/4000 level. The minor will emphasize the challenges of rural public health and health disparities in central Appalachia, including influence of regional culture, economy, politics, and behavior on health outcomes.

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>Required Courses</b>		
PBH 3010	Introduction to Global Health	3
PBH 3020	Introduction to Public Health: Appalachian Perspective	3
Twelve (12) additional credit hours selected from the following: AJU 3450 Corrections (3) BIO 2025 Biostatistics (3)		12

BIO 3150 Immunology and Serology (3)	
BIO 3210 Microbiology (3)	
BIO 3280 Parasitology (3)	
BIO 3700 Biomedical Ethics (3)	
BIO 4110 Virology (3)	
BIO 4320 Principles of Toxicology (3)	
ECO 3951 Healthcare Economics (3)	
HED 2230 Personal and Community Health (3)	
PHI 3200 Environmental Ethics (3)	
PSY 3060 Cultural Diversity (3)	
PSY 3200 Behavioral Medicine/Health Psychology (3)	
PSY 3310 Social Psychology (3)	
PSY 3350 Psychology of Human Motivation (3)	
PSY 3800 Behavior Modification (3)	
PSY 4200 Psychology of Sleep and Dreaming (3)	
PSY 4250 Psychology of Sleep (3)	
SOC 3015 Integrated Statistics and Methodology (3)	
SOC 3025 Research Statistics (3)	
SOC 3300 Sociology of Gender (3)	
SOC 3600 Sociology of Race and Ethnicity (3)	
SOC 3750 Environmental Sociology (3)	
<b>TOTAL</b>	<b>18</b>

## PRE-PROFESSIONAL STUDIES

### PRE-ENGINEERING

Faculty Contact: Lucian Undreiu

Students planning a career in engineering may complete two years of pre-engineering course work at UVA Wise. A suggested curriculum is listed below, but students should consult with the pre-engineering advisor to gear their courses to the school at which they plan to complete their degree. Students are advised that admission to engineering school is highly competitive. All students should take Liberal Arts Core courses in addition to the pre-engineering courses.

COURSE CODE	TITLE	CREDIT HOURS
<b>Courses required for most engineering programs include the following:</b>		
CHM 1010/1011	College Chemistry I and Lab	4
CHM 1020/1021	College Chemistry II and Lab	4
GLG 1010	Physical Geology	4
MTH 1180	Elementary Probability and Statistics	3
MTH 2040	Calculus I	4
MTH 2050	Calculus II	4
MTH 3060	Calculus III	4

MTH 3110	Ordinary Differential Equations	3
MTH 3030	Introduction to Linear Algebra with Applications	3
PHY 3010/3011	College Physics I and Lab	5
PHY 3020/3021	College Physics Lab II and Lab	5
<b>TOTAL</b>		<b>43</b>

## **PRE-FORESTRY**

Faculty Contact: Walter Smith

Students planning a career in forestry may complete two years of pre-forestry course work at UVA Wise. A suggested curriculum is listed below but students should consult requirements of schools at which they plan to complete their degrees. Courses required for most forestry programs include the following:

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>Freshman Year – Semester 1</b>		
BIO 1010/1011	Principles of Biology and Lab	4
CHM 1010/1011	College Chemistry I and Lab	4
ENG 1010	Composition I	3
MTH 1110	Precalculus I	3
SEM 1010	Freshman Seminar	1
<b>Freshman Year – Semester 2</b>		
BIO 1020/1021	Introduction to Biological Diversity and Lab	4
CHM 1020/1021	College Chemistry II and Lab	4
ENG 1020	Composition II	3
MTH 1210	Precalculus II	3
Elective	Any elective course	3
<b>Sophomore Year – Semester 3</b>		
MTH 2040	Calculus	4
ECO 2050	Macroeconomic Principles	3
GLG 1010	Physical Geology	4
PHY 1010/1011	Introduction to Physics I and Lab	5
<b>Sophomore Year – Semester 4</b>		
MTH 2050	Calculus II	4
ECO 2060	Macroeconomic Principles	3
MTH 3030	Introduction to Linear Algebra with Applications	3
COM 1000	Public Speaking	3
Elective	Any elective course	3
<b>TOTAL</b>		<b>64</b>

## ***PRE-MEDICINE, PRE-DENTISTRY, PRE-VETERINARY MEDICINE***

Faculty Contact: S. Michael Shell

The minimum requirement for admission to most schools of medicine is 90 credit hours of academic courses, although completion of the curriculum leading to a baccalaureate degree is encouraged. Courses in general chemistry, organic chemistry, biology, physics and English are required but concentration in the sciences is not essential. Medicine is concerned with a variety of social and community problems and a broad cultural background is considered desirable.

Pre-medical studies for each student should be planned in keeping with individual interests. Development of an efficient method of study and habit of reasoning is more important than the selection of subjects. Requirements may be met with the programs leading to baccalaureate degrees in natural sciences, social sciences or humanities. Students interested in becoming physicians, veterinarians or dentists should contact Prof. Shell as early as possible for specific advice on preparatory programs, required courses and examinations, and application procedures for professional schools.

Rocovich Scholars Program - The Rocovich Scholars is an articulated program between the Edward Via College of Medicine (VCOM) and the University of Virginia's College at Wise. Students apply to the Rocovich Scholars Program in their third full-time enrolled semester at UVA Wise. Acceptance in to the Rocovich Scholars Program grants guaranteed early admission to VCOM in Blacksburg, VA. Please contact the UVA Wise Pre-medical program coordinator for details.

## ***PRE-PHARMACY***

Faculty Contact: Victoria Makal

All courses needed to complete the pre-pharmacy requirements for pharmacy school are readily available at the University of Virginia's College at Wise. Pre-pharmacy requirements vary from one pharmacy school to another and it is not possible to list a single set of courses that will satisfy the pre-pharmacy requirements for all programs. Students should consult the requirements for all pharmacy programs of interest and plan a course of study appropriate for the schools chosen. Most programs will require a minimum of three years of study to complete the pre-pharmacy requirements. Students are advised that admission to pharmacy school is a competitive process. Listed below is a core curriculum that is required by many schools. Many pharmacy schools require courses in addition to the core.

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>Courses required for most pharmacy schools include the following:</b>		
BIO 1010/1011	Principles of Biology and Lab	4
BIO 1020/1021	Introduction to Biological Diversity and Lab	4
CHM 1010/1011	College Chemistry I and Lab	4

CHM 1020/1021	College Chemistry II and Lab	4
CHM 3010/3011	Organic Chemistry I and Lab	5
CHM 3020/3021	Organic Chemistry II and Lab	5
COM 1000	Public Speaking	3
ENG 1010	Composition I	3
ENG 1020	Composition II	3
MTH 1180	Elementary Probability and Statistics	3
MTH 2040	Calculus I	4
ECO 2050	Microeconomic Principles	3
PHY 1010/1011	Introduction to Physics I and Lab	5
PHY 1020/1021	Introduction to Physics II and Lab	5
ELECTIVES	12 hours of social science and humanities	12
<b>TOTAL</b>		<b>67</b>

## ***PRE-PHYSICAL THERAPY***

Faculty Contact: Robin Woodard

Most physical therapy programs are post-graduate and require a bachelor's degree for admission. No specific undergraduate major is required. Listed below are courses needed for admission to many programs. Students should contact the American Physical Therapy Association ([www.APTA.org](http://www.APTA.org)) for schools with accredited physical therapy programs and a list of specific courses required for admission to those programs. Admission to physical therapy programs is highly competitive.

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>Courses required for most physical therapy schools include the following:</b>		
BIO 1010/1011	Principles of Biology and Lab	4
BIO 1020/1021	Introduction to Biological Diversity and Lab	4
CHM 1010/1011	College Chemistry I and Lab	4
CHM 1020/1021	College Chemistry II and Lab	4
BIO 2310	Introduction to Anatomy and Physiology I	4
BIO 2310	Introduction to Anatomy and Physiology II	4
ENG 1010	Composition I	3
ENG 1020	Composition II	3
MTH 1180	Elementary Probability and Statistics	3
MTH 1110/1210 OR MTH 2040	Precalculus I (3) & Precalculus II (3) OR Calculus I (4)	4-6
PSY 1100	Introduction to Psychology	3
PHY 1010/1011	Introduction to Physics I and Lab	5
PHY 1020/1021	Introduction to Physics II and Lab	5

HUMANITIES	6 hours of humanities electives	6
PSY XXXX	3 hours of psychology electives	3
SOCIAL SCIENCE	6 hours of social science electives	6
ELECTIVES	29-30 hours of general electives	29-30
<b>TOTAL</b>		<b>94-97</b>

Students are encouraged to select general electives from the following categories: computer science, kinesiology, exercise physiology, foreign languages, and courses in physical education that deal with an analytical approach to human movement or motor learning.

## COURSES IN BIOCHEMISTRY

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**BCH 3010: Biochemistry I (3)** Prerequisite: CHM 3020

The first semester of a one-year biochemistry course. The course will examine the structure and properties of proteins, focusing on enzyme structure, mechanisms of enzyme-catalyzed reactions, and control of enzyme activity. Oxidative energy metabolism will be covered.

**BCH 3020: Biochemistry II (3)** Prerequisite: BCH 3010

The second semester of a one-year biochemistry course. Structure and metabolism of lipids and biological membranes, and the biosynthesis, degradation and transport of cholesterol will be discussed. Nucleic acid structure and metabolism, and protein biosynthesis will also be covered.

**BCH 3050: Analytical Biochemistry (2)** Prerequisites: BIO 2015, BCH 3010

A laboratory course dealing with modern methods of identification and quantification of biologically active compounds with emphasis on theory, operation, and application of instruments. Six laboratory hours/week.

**BCH 4100: Nucleic Acid Transactions (3)** Prerequisite: BIO 3600

This course will focus on the molecular mechanisms of genome processing. Topics will include genome replication, recombination, repair and transcriptional regulation. Specific emphasis will be placed on understanding the biochemistry and structural biology of protein-nucleic acid interactions, therefore this course will make extensive use of primary scientific literature in these fields. Three lecture hours per week.

**BCH 4910, 4911 Biochemistry Research I and II (1-3, 1-3)** Prerequisite: BIO 2015 or Permission of Instructor

Original research under the direction of a current faculty mentor. Independent research projects will provide hands-on experience in experimental design and investigation using various biochemical methodologies and instrumentation. Research projects must be approved by the proposed faculty mentor prior to registration. A minimum of three laboratory hours per week per semester hour enrolled is required, and may be repeated for a total of three credit hours. This course is taken in addition to, but not in substitution for, any portion of the major requirement in biochemistry.

**BCH 4950, 4951 Special Topics in Biochemistry (1-3, 1-3)** Prerequisite: Permission of the Instructor

This course allows students to pursue a subject in biochemistry not normally covered in regularly scheduled courses. Topics generally represent specialized fields of study and/or currently expanding areas of research.

**BCH 4970 Independent Study in Biochemistry (1-3)** Prerequisite: Permission of Instructor

This course is designed for advanced students and provides instruction in biochemistry beyond the traditional curriculum. Course may be lecture, laboratory, and/or primary literature review intensive as required by the course topic. No portion of this course may conflict with the guidelines set forth in the UVA Wise College Catalog concerning independent study.

**BCH 4980: Biochemistry Seminar I (1)** Prerequisite or corequisite: BCH 3010

An introduction to the biochemical literature. Students will learn how the biochemical literature is structured, how to search the literature and retrieve articles, how to read and dissect those articles, and how to access and use the public biochemical databases.

**BCH 4990: Biochemistry Seminar II (1)** Prerequisite or corequisite: BCH 3020; Prerequisite: BCH 4980

Students will conduct an extensive literature review and give a public presentation on a biochemical topic.

## COURSES IN BIOLOGY

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**BIO 1010: Principles of Biology (3)** Prerequisite or corequisite: MTH 1010 or higher, ENG 1010 or higher, or permission of instructor

An introduction to the biochemical, cellular, genetic, ecological, and evolutionary principles fundamental to all of biology. Three lecture hours.

**BIO 1011: Principles of Biology Laboratory (1)** Corequisite: Concurrent enrollment in BIO 1010, or permission of instructor

An introduction to the laboratory methods and techniques necessary to understand the fundamental principles of biology. This course meets half of the semester for one lecture hour and three laboratory hours.

**BIO 1020: Introduction to Biological Diversity (3)** Prerequisites: MTH 1010 or higher; ENG 1010 or higher

An introduction to the diversity of living organisms with an emphasis on their interrelationships and the ways in which they have solved problems common to all life forms, past and present. Three lecture hours.

**BIO 1021: Introduction to Biological Diversity Laboratory (1)** Prerequisite: concurrent enrollment in BIO 1020, or permission of instructor



An introduction to the diversity of living organisms with an emphasis on the diagnostic characteristics of major groups of organisms and evolutionary patterns visible throughout these groups. This course meets half of the semester for one lecture hour and three laboratory hours.

**BIO 1030: Basic Life Functions (3)** Prerequisites: MTH 1010 or higher, ENG 1010 or higher

An introduction to the basic mechanisms used by plants and animals to maintain homeostasis. Three lecture hours.

**BIO 1031: Basic Life Functions Laboratory (1)** Prerequisite: Concurrent enrollment in BIO 1030, or permission of instructor.

Students will perform laboratory exercises that illustrate the mechanisms by which plants and animals maintain homeostasis. This course meets half of the semester for one lecture hour and three laboratory hours.

**BIO 2010: Topics in Cell Biology (3)** Prerequisites: BIO 1010

A bridging course that expands upon fundamental concepts of cell structure and function introduced in BIO 1010 and provides the background necessary for a range of courses at the 3000 level. Three lecture hours.

**BIO 2015: Laboratory Methods in Biology (3)** Prerequisites: CHM 1020/1021 and either BIO 1010/1011 or BIO 1020/1021 or Bio 1030/1031

This course is designed to give students hands-on experience with a wide range of basic laboratory techniques. Topics to be covered include microscopy, electrophoresis, chromatography, molecular biology and immunochemistry. Six laboratory hours and 1 lecture hour.

**BIO 2025: Biostatistics (3)** Prerequisites: BIO 1010/1011 and BIO 1020/1021 **OR** BIO 1010/1011 and BIO 1030/1031 **OR** BIO 1020/1021 and BIO 1030/1031

An introduction to biostatistical concepts and methods commonly encountered in biology. The course will cover basic descriptive statistics as well as experimental design and techniques for testing hypotheses (e.g. analysis of variance/covariance, regression analysis, and nonparametric statistics). Three lecture or laboratory hours.

**BIO 2040: Ecology (4)** Prerequisites: BIO 1020/1021 and either BIO 1010/1011 or BIO 1030/1031

An introduction to major ecological patterns and processes, including the structure, function, and regulation of populations, communities, and ecosystems. Three lecture and three laboratory hours per week.

**BIO 2050: Evolutionary Processes (3)** Prerequisites: BIO 1010/1011 and either BIO 1020/1021 or BIO 1030/1031

This course is an introduction to the conceptual foundations of evolution. This course will cover topics such as systematics, phylogenetics, the fossil record, the evolution of biodiversity, genetic drift, natural selection, adaptation, species concepts, and speciation. Three lecture hours per week.

**BIO 2310: Introduction to Anatomy and Physiology I (3)** Prerequisites: BIO 1010/1011 or BIO 1030/1030

An introduction to principles of anatomy and physiology for students intending to complete the Nursing program. This is the first semester of a two-semester sequence to give students an understanding of human form (anatomy) and function (physiology). Students will learn anatomy and physiology using a systems approach. Topics include anatomical terminology, cell biology, integumentary, skeletal, muscular, and nervous systems. The course will have a common theme of homeostasis. Three lecture hours per week.

**BIO 2311: Introduction to Anatomy and Physiology Lab I (1)** Corequisite: BIO 2310

Students enrolled in this laboratory can expect a general overview of the systems and structure of the human body. Students are guided through the organized functions of the human body via human models, computerized tutorials, dissections and microscopy. Areas include anatomical terminology, microscopy, biochemistry, cell membrane diffusion, cell morphology, integumentary system, skeletal system, muscle structure and function/joints, and brain anatomy. Three laboratory hours per week.

**BIO 2320: Introduction to Anatomy and Physiology Lab II (3)** Prerequisites: BIO 2310

An introduction to principles of anatomy and physiology for students intending to complete the Nursing program. This is the second semester of a two-semester sequence to give students an understanding of human form (anatomy) and function (physiology). Students will learn anatomy and physiology using a systems approach. Topics include the structure and function of the endocrine, cardiovascular, immune, respiratory, digestive, and reproductive systems. The course will have a common theme of homeostasis. Three lecture hours per week.

**BIO 2321: Introduction to Anatomy and Physiology Lab II (1)** Prerequisites: BIO 2310 and 2311 Corequisite: BIO 2320

Students enrolled in BIO 2321 can expect a general overview of the systems and structure of the human body. Students are guided through the organized functions of the human body via human models, computerized tutorial dissections and microscopy. Areas include the endocrine system, immunohematology, cardiac/circulatory system, immunity, respiratory system, digestive system, urinary system, and reproductive system. Three laboratory hours per week.

**BIO 3110: Cellular Communications (3)** Prerequisite: BIO 2010

A study of the basic mechanisms used by all cells to monitor and respond appropriately to their environment. Topics to be covered include cell adhesion molecules and cell trafficking, hormones and ligand-receptor interactions, signal transduction, transport across cell membranes and trafficking of intracellular components. Three lecture hours.

**BIO 3120: Animal Physiology (4)** Prerequisites: BIO 2010, 2015

An examination of digestion and molecular transport of materials, excretion, muscle activity, gas exchange, endocrine mechanisms, and neural mechanisms responsible for maintaining organismal homeostasis. In addition, how these homeostatic mechanisms relate to an organism's ecology and evolution will be discussed. Three lecture hours and three laboratory hours.

**BIO 3130: Plant Physiology and Cell Function (4)** Prerequisites: BIO 2010

A course dealing with structural, biochemical and physiological characteristics of cell function in photosynthetic organisms. Special emphasis will be placed on cell walls, nutrient metabolism, photosynthesis, growth regulation, and totipotency. The laboratory portion of the class will stress the practical manipulation of plant cell function. Three lecture and three laboratory hours.

**BIO 3140: Developmental Biology (3)** Prerequisites: BIO 2010, BIO 2015, BIO 3600: Molecular Genetics or a strong understanding of molecular genetics recommended.

A comparative analysis of invertebrate and vertebrate embryonic development. Topics include: gametogenesis, fertilization, gastrulation, morphogenesis, and pattern formation. Emphasis will be placed on the molecular, cellular and genetic basis for the developmental processes. Three lecture hours.

**BIO 3150: Immunology and Serology (3)** Prerequisite: BIO 2010

Basic principles of antigen-antibody reactions and their application to disease diagnosis. Three lecture hours.

**BIO 3210: Microbiology (4)** Prerequisites: BIO 1010, BIO 1020 or BIO 1030; BIO 2010 strongly recommended

An introduction to morphological and physiological characteristics of bacteria, fungi, viruses and rickettsia. Special emphasis on medically important microbes, disease production, disease treatment, and disease transmission. Three class and three laboratory hours.

**BIO 3250: Local Flora (4)** Prerequisites: BIO 1010/1011 and either BIO 1020/1021 or BIO 1030/1031

The Appalachian-Blue Ridge Forests ecoregion represents one of the world's richest temperate broadleaf forests in floral diversity. This field-oriented course will explore the diversity of plants in the region to study basic plant identification and collection techniques, plant anatomy and ecology, and to learn the ethnobotanical uses of local plants. At least one weekend field trip will be required. Three lecture and three laboratory hours.

**BIO 3260: Vertebrate Zoology (4)** Prerequisites: BIO 1020/1021 and either BIO 1010/1011 or BIO 1030/1031

A survey of the evolution and natural history of the vertebrates. Three class and three laboratory or field hours.

**BIO 3270: Invertebrate Zoology (4)** Prerequisites: BIO 1010/1011 and either BIO 1020/1021 or BIO 1030/1031

A taxonomic survey of the invertebrate phyla emphasizing diversity, and key anatomical, physiological, embryological and ecological features. Special emphasis will be placed on local invertebrate taxa. Three lecture and three laboratory hours.

**BIO 3275: Entomology (3)** Prerequisites: BIO 1010/1011, BIO 1020/1021

This course emphasizes the biology, diversity, and ecology of insects. We will also cover key anatomical and physiological features and the numerous ways insects impact humans. Three lecture hours per week.

**BIO 3280: Parasitology (4)** Prerequisites: BIO 1010/1011 and either BIO 1020/1021 or BIO 1030/1031 A course in invertebrate zoology is strongly recommended.

A survey of the animal kingdom, paying special attention to pathogenic species. Life cycles are examined to emphasize the intimate relationship between parasite, host, and intermediate host. Etiology, morbidity, mortality and treatment of human parasitic infections are discussed. Three lecture and three laboratory hours.

**BIO 3290: General Botany (4)** Prerequisites: BIO 1010/1011 and either BIO 1020/1021 or BIO 1030/1031

An introduction to the structure, function, and evolutionary diversity of plants, and the application of botanical principles to ecology, conservation, biotechnology, and society. Three lecture and three laboratory hours.

**BIO 3330: Conservation Biology (3)** Prerequisite: BIO 2040 or 2050

An introduction to the theoretical and applied aspects of the preservation of biological diversity. The emphasis will be on the ecological and evolutionary background to species and habitat conservation, current threats to biodiversity, and evaluation of conservation efforts. Special emphasis will be placed upon the understanding and discussing of the current primary literature in this discipline. Three lecture hours.

**BIO 3370: Herpetology (4)** Prerequisite: BIO 2040

This course is intended to familiarize students with basic principles regarding ecological diversity, form, and function in amphibian and reptile taxa. Students will learn these topics using an evolutionary approach which places herpetofaunal diversity within a historical context. Although this course is global in taxonomic scope, special emphasis will be placed on local Appalachian herpetofauna, given the region's position as a global hotspot of amphibian diversity. The laboratory portion of this course will include examination of both prepared and live herpetofaunal specimens. Three lecture hours and three lab hours per week.

**BIO 3510: Natural History of the Appalachians (3)** Prerequisite: BIO 1020/1021 and either BIO 1010/1011 or BIO 1030/1031

An introductory study of the geology, climate, soil, flora and fauna of the Appalachian range, with emphasis on Virginia. Three hours lecture, plus local field trips.

**BIO 3600: Molecular Genetics (4)** Prerequisites: BIO 2010, BIO 2015

A comparative study of prokaryotic and eukaryotic genetics. Both Mendelian and molecular genetics will be discussed, with an emphasis on the current knowledge of the molecular nature of genes, their roles in controlling the development and function of organisms, their inheritance and evolution. In the lab students conduct actual research into the genes regulating the development and/or function of a model organism, as well as learn current research strategies and bioinformatic analysis tools. Three lecture hours and three laboratory hours. It is a very intense experience and will require additional lab hours at times.

**BIO 3700: Biomedical Ethics (3)** Prerequisite: Two semesters of introductory biology lecture and lab (1010/1011, 1020/1021, 1030/1031) or permission of instructor

An examination of the ethical dimension of topical issues in biomedical science. Topics are chosen based on current events and student interest.

**BIO 3860, 3870: Cooperative Education Project I (1-6, 1-6)**

Students can obtain information from the Department Chair.

**BIO 3980: Preparing for Life as a Scientist I (1)** Pre- or Corequisite: BIO 2015

The objectives of this course are to provide biology majors with information on pre- and post-graduate opportunities, prepare them for graduate and professional studies related to biology by developing a résumé and Statement of Purpose, and provide them with opportunities to speak publicly on biological topics using appropriate technology.

**BIO 3990: Preparing for Life as a Scientist II (1)** Prerequisite: BIO 3980

Students will develop skills in researching the primary scientific literature. Students will learn where and how to access primary literature and how to critically analyze primary literature content. Each student will present a written critique and public seminar on a primary literature article from their research.

**BIO 4110: Virology (3)** Prerequisite: BIO 2010

A study of the basic structure and function of viruses. Emphasis will be placed on mechanisms for cell invasion, viral replication, and pathogenesis. Three lecture hours.

**BIO 4320: Principles of Toxicology (3)** Prerequisites: BIO 1010, CHM 1020; CHM 3010 highly recommended

An introduction to the concepts and principles of toxicology as they apply to humans and environmental health. The course discusses the fate and behavior of chemicals in the environment and the effects of pollutants on ecosystems. It defines the principles underlying the interactions of environmental chemicals with the biological systems, emphasizing chemical distribution, cellular penetration, biotransformation and elimination. Special attention to the genetic basis of toxicity by environmental agents will be given. In addition, monitoring exposure, toxicity testing, and risk assessment are discussed.

**BIO 4410-4420: Clinical Training (32)** Prerequisite: Overall GPA 2.0 with 2.5 in science and mathematics

Required of all students in the Bachelor of Science in Medical Technology/Clinical Laboratory Science Program. Clinical training at a CAHEA-accredited (Committee on Allied Health Education and Accreditation) school of medical technology/clinical laboratory science. A twelve-month course of study involving lecture and clinical experience. Subjects include clinical chemistry and instrumentation, microbiology, hematology, immunohematology, immunology and serology, coagulation, genetics, urinalysis, and nuclear medicine.

**BIO 4500: Medicinal Plants (3)** Prerequisites: CHM 3010

This course investigates the sources, biochemistry, and pharmacology of plant-derived pharmaceutical drugs and herbal medicines. Students will apply this knowledge in the context of medical consultations and safety precautions, such as potential drug interactions. A broader perspective will be fostered by analyzing the importance of medicinal plants in a global framework, synthesizing the ethnobotany, conservation, and ethical implications of these

medicinal resources. There will also be a brief field component to the course, exploring local Appalachian medicinal plants.

**BIO 4700: Biology Professional Internship (1)** Prerequisite: permission of instructor

The professional internship provides students with an opportunity to work with and learn from professionals in an off-campus setting. Individuals participating in the internship must submit a contract clearly stating the expectations of the student, the off-campus mentor, and a sponsoring biology professor. Copies of the contract may be obtained in the Natural Sciences office. A minimum of 150 hours of work is required for one credit hour. The professional internship does NOT include shadowing experiences.

**BIO 4710: Biology Laboratory Internship (1)** Prerequisite: permission of instructor

Three hours of work per week in laboratory preparation and instruction for biology laboratories taught at UVA Wise, under the direction of a faculty/staff member. Goals are to foster independent work habits and responsibility in a laboratory setting for majors in biology or related fields.

**BIO 4860, 4870: Cooperative Education Project II (1-6, 1-6)**

Students can obtain information from the Department Chair.

**BIO 4910: Biology Research (1-3)** Prerequisite or corequisite: Permission of the instructor

This course provides intensive instruction in the use of laboratory and/or field equipment for students interested in pursuing careers in biology. This course is designed both for those who plan to undertake honors research in their third/fourth years as well as those who want some practical research experience. Various methodological approaches (both current and historical) will be used in a process of scientific investigation. A current faculty mentor must approve any planned research prior to registration and a departmental research contract must be completed. This course is an addition to and not a substitution for any portion of the major requirement in biology. This course can be repeated for a total of 3 credits.

**BIO 4950, 4951: Special Topics in Biology (1-3, 1-3)** Prerequisite: Permission of instructor

This course allows advanced students to pursue a biological subject not normally covered in a regularly scheduled class. Topics generally represent special fields of study or currently expanding areas of research. This course is only an addition to and not a substitution for any portion of the major requirement in biology.

**BIO 4970: Independent Study (1-3)** Permission of the instructor

This course provides instruction in biology beyond that of the traditional curriculum. Course may be lab/lecture/field work intensive, dependent on the topic. This course is designed for advanced students and is in addition to and not a substitution for any existing course. No portion of this course may conflict with the guidelines set forth in a UVA Wise Catalog concerning independent study.

**BIO 4990: Senior Seminar (1)** Prerequisites: Senior status, BIO 3980

The presentation and discussion of problems of current interest by faculty, visiting speakers, and students. Students are responsible for materials presented and are subject to examination.

## COURSES IN CHEMISTRY

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### **CHM 1001: Introduction to Chemistry (3)**

This course is intended to introduce students to general concepts related to the field of chemistry and the basic mathematical operations required in the natural sciences. The course can serve as a basic introduction to the field of chemistry for the students who did not take chemistry as part of their high school curriculum or as a refresher course prior to taking CHM 1010: College Chemistry. The course consists of three lecture hours per week and does not have a laboratory component or count towards the science requirements in the College's Liberal Arts Core curriculum. *Students may enroll in this course up to one month into classes or they may be encouraged to move from CHM 1010 to CHM 1001.*

### **CHM 1005: Chemistry for Nurses (3)** Prerequisite or corequisite: MTH 1010 or higher

An introductory chemistry course with topics selected from general chemistry, organic chemistry, and biochemistry to meet curricular needs of nursing students. Enrollment may be limited to nursing students. Three class hours per week. This course cannot be used for Liberal Arts Core science credit.

### **CHM 1006: Chemistry for Nurses Laboratory (1)** Corequisite: CHM 1005

The laboratory component of CHM 1005. Emphasis on experimentation from topics covered in CHM 1005. Three laboratory hours per week. This course cannot be used for Liberal Arts Core science credit.

### **CHM 1010: College Chemistry I (3)** Prerequisite or corequisite: MTH 1110 or higher

Basic facts and principles of chemistry, including nomenclature, stoichiometry, solutions, electronic structure, bonding and geometry, periodic trends, and elementary thermochemistry. Three lecture hours.

### **CHM 1011: College Chemistry Laboratory I (1)** Prerequisite or corequisite: CHM 1010

Laboratory component of CHM 1010. Emphasis on experimentation from topics in CHM 1010. Three laboratory hours.

### **CHM 1020: College Chemistry II (3)** Prerequisite: a grade of C- or higher in CHM 1010

Introduction to intermolecular forces, properties of solutions, kinetics, equilibrium systems, electrochemistry, gaseous systems, and advanced thermodynamics. Three lecture hours.

### **CHM 1021: College Chemistry Laboratory II (1)** Prerequisite or corequisite: CHM 1020; Prerequisite: CHM 1011

Laboratory component of CHM 1020. Emphasis on experimentation from topics in CHM 1020. Three laboratory hours.

### **CHM 1950, 1951: Special Topics (1-3, 1-3)** Prerequisite: Permission of instructor

### **CHM 3010: Organic Chemistry I (3)** Prerequisite: CHM 1020, 1021

An introduction to theoretical, synthetic, industrial, and biological aspects of the chemistry of carbon compounds. The course focuses on the synthesis and reactions of simple organic molecules, stereochemistry, and an introduction to the study of reaction mechanisms. Three lecture hours.

**CHM 3011: Organic Chemistry Laboratory I (2)** Prerequisite or corequisite: CHM 3010

The laboratory component of CHM 3010. One lecture hour and three laboratory hours per week.

**CHM 3020: Organic Chemistry II (3)** Prerequisite: CHM 3010

A continuation of the study of carbon compounds from CHM 3011. The course continues to study simple organic molecules and extends the study of reaction mechanisms. Spectroscopic methods for structure determination are introduced. Three lecture hours.

**CHM 3021: Organic Chemistry Laboratory II (2)** Prerequisite or corequisite: CHM 3020; Prerequisite: CHM 3011

The laboratory component of CHM 3020. One lecture hour and three laboratory hours per week.

**CHM 3110: Inorganic Chemistry (3)** Prerequisite: CHM 1020, CHM 1021; Corequisite: CHM 3010

An introduction to topics in inorganic chemistry, including symmetry and group theory, theories of bonding and geometry, atomic and electronic structure, coordination chemistry, and crystallography. Three lecture hours.

**CHM 3111: Inorganic Chemistry Laboratory (2)** Prerequisite: CHM 3011; Corequisite: CHM 3110

An introduction to synthesis and characterization of inorganic materials. Emphasis on applications of theory discussed in CHM 3110. Includes experience with inert atmosphere/corrosive systems, electrochemical techniques, IR, NMR, and UV-Vis spectroscopies. Six laboratory hours.

**CHM 3210: Quantitative Analytical Chemistry (5)** Prerequisite: CHM 1020, 1021

A study of principles and methods used in the separation and quantitative determination of elements and compounds. Laboratory work consists of gravimetric, volumetric, and instrumental determinations illustrating the principal types of quantitative analysis. This course consists of four lecture hours and three laboratory hours per week.

**CHM 3220: Instrumental Methods of Analysis (4)** Prerequisite: CHM 3210

A continuation of quantitative analytical chemistry to include utilization of modern analytical instrumentation for chemical analysis in organic and inorganic chemistry. Emphasis on absorption spectroscopy, gas and liquid chromatography, electrical methods, and non-aqueous studies. Three class hours and three laboratory hours. Course is offered in alternate years.

**CHM 3260: Environmental Chemistry (4)** Prerequisites: CHM 1020/1021

Fundamental aspects of inorganic and organic chemistry relating to air, water, and soil/land/pollution, its prevention and amelioration. Three class hours, three laboratory hours. Offered every year. (Dual listing with ENV 3030)



**CHM 3310: Introduction to Physical Chemistry (4)** Prerequisites: CHM 1020/1021, MTH 2050, PHY 1010/1011 or PHY 3010/3011

A survey of the principles of physical chemistry with emphasis on thermodynamics, electrochemistry, solutions, and equilibrium. Credit may not be claimed for this course if credit is claimed for CHM 3330, 3340. Three class hours, three laboratory hours.

**CHM 3330: Physical Chemistry I (4)** Prerequisite: CHM 1020, 1021, MTH 2050; Prerequisite or corequisite: PHY 3010/3011

A survey of theoretical chemistry emphasizing classical thermodynamics, states of matter, chemical equilibrium, and electrochemistry. Three lecture and three laboratory hours per week. Course is offered in alternate years.

**CHM 3340: Physical Chemistry II (4)** Prerequisite: CHM 3330

A survey of theoretical chemistry including reaction kinetics, molecular motion, quantum chemistry, and statistical thermodynamics. Three lecture and three laboratory hours per week. Offered alternate years.

**CHM 3410: Biophysical Chemistry (3)** Prerequisite: CHM 1020, 3020, or permission of instructor

An introductory course using physical chemical methods to study macromolecules. Includes the physical and chemical properties of macromolecules, the structure and function of enzymes and proteins, and an introduction to enzyme kinetics. Three class hours.

**CHM 3500: History of Chemistry (3)**

The history of the development of chemistry as a science. An examination of the principal concepts and how they came into being. Three class hours.

**CHM 3600: Polymer Chemistry (3)** Prerequisites: CHM 3020

An introduction to polymer chemistry including polymer structure and architecture, mechanism and kinetics of polymerization, and the physical characterization of polymers. Three class hours.

**CHM 3750: Bioorganic Chemistry (3)** Prerequisite: CHM 3020

An examination of biological phenomena from the perspective of organic chemistry. Three lecture hours.

**CHM 3860, 3861: Cooperative Education Project I (1-6, 1-6)**

Students can obtain information from the Department Chair.

**CHM 4010: Advanced Organic Chemistry (3)** Prerequisites: CHM 3010/3011 and CHM 3020/3021

An examination of the relationship between structure and reactivity of organic molecules.

**CHM 4210: Introduction to Medicinal Chemistry (3)** Prerequisite: CHM 3010 or permission of instructor Corequisite: CHM 3020

An introduction to the chemical and biochemical principles underlying modern medicinal chemistry. The course covers basic biochemistry, rational design of organic and inorganic drugs and the mechanistic aspects of drug action.

**CHM 4710, 4711: Chemistry Laboratory Internship I, II (1, 1)** Prerequisite: Permission of instructor

Three hours of work in laboratory preparation for chemistry laboratories under the direction of the faculty member teaching those laboratories. Goals are to foster independent work habits and responsibility in a laboratory setting for majors in chemistry or related fields.

**CHM 4860, 4861: Cooperative Education Project II (1-6, 1-6)**

Students can obtain information from the Department Chair.

**CHM 4910, 4911: Chemistry Research I, II (1-3, 1-3)** Prerequisite: Permission of instructor

An original investigation under the direction of a member of the staff. Three to nine laboratory hours per week.

**CHM 4950, 4951: Special Topics in Chemistry (1-3, 1-3)** Prerequisite: Permission of instructor

Pursuit of some subject which is not normally covered in a regularly scheduled class. (May be used in the B.A. degree program to satisfy area requirements in analytical, organic, inorganic, or physical chemistry courses, if agreed upon in advance and in writing by the instructor and the department chairman.)

**CHM 4970: Independent Study (1-3)**

This course provides instruction in chemistry beyond that of the traditional curriculum. Course may be lab/lecture/field work intensive, dependent on topic. This course is designed for advanced students and is in addition to and not a substitution for any existing course. No portion of this course may conflict with the guidelines set forth in the UVA Wise catalog concerning independent study.

**CHM 4980: Chemistry Seminar I (1)** Prerequisite: Junior or senior status

Discussion and evaluation of primary literature culminating in a public presentation.

**CHM 4990: Chemistry Seminar II (1)** Prerequisite: CHM 4980

Discussion and evaluation of primary literature culminating in a public defense of a student-developed research proposal.

## **COURSES IN ENVIRONMENTAL SCIENCE**

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**ENV 2010: Environmental Health (3)** Prerequisite: Eight hours of chemistry and/or biology (with laboratories) or permission of instructor

Characterize the physical, chemical and biological factors in the environment that can potentially affect human health. Define the impact of humans on the environment, and the impact of the environment on humans. Discuss the practice and limitations of assessing, controlling, correcting and preventing those environmental agents that adversely affect human health. Emerging environmental health topics such as global change and environmental degradation in the developing countries are also evaluated.

**ENV 3015: Soils and Land Restoration (4)** Prerequisites: CHM 1010/1011 and GLG 1010 or permission of instructor

Basic principles of soil classification and formation. Special emphasis on restoration techniques used to remediate highly disturbed lands. Three hours lecture, three hours laboratory or field work per week. Offered alternate years. Cross-listed with GLG 3015

**ENV 3030: Environmental Chemistry (4)** Prerequisites: CHM 1020/1021

Fundamental aspects of inorganic and organic chemistry relating to air, water, and soil/land/pollution, its prevention and amelioration. Three class and three laboratory hour. Offered every year. (Dual listing with CHM 3260)

**ENV 3860, 3861: Cooperative Education Project I (1-6, 1-6)**

Students can obtain information from the Department Chair.

**ENV 4860, 4861: Cooperative Education Project II (1-6, 1-6)**

Students can obtain information from the Department Chair.

**ENV 4950, 4951: Special Topics in Environmental Science (1-6, 1-6)** Prerequisite: Permission of instructor

**ENV 4970: Independent Study (1-3)**

**ENV 4980-4990: Environmental Science Seminar I, II (2, 2)** Prerequisite: Junior or senior status or permission of instructor

Discussion of environmental issues and problems and their possible solutions by students, staff and outside speakers. Emphasis for part of each year will be on economics, ethics, and law.

## COURSES IN GEOGRAPHY

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**GEO 2010: Introduction to Physical Geography (3)**

The major physical elements of the natural environment, such as land forms, weather and climate, natural vegetation and soils.

**GEO 2011: Physical Geography Laboratory (1)** Prerequisite or corequisite: GEO 2010

Laboratory component of GEO 2010. Three laboratory hours per week. (Note: Students who take GEO 2010/2011 may not receive Liberal Arts Core credit for GLG 1010.)

**GEO 2020: Introduction to Cultural Geography (3)**

A regional survey of human or cultural geography of the world with emphasis on the Old World. May not be used to satisfy the Liberal Arts Core science requirement.

**GEO 2030: Geographic Information Systems (3)**

This course provides introductory level knowledge of a dynamic desktop Geographic Information System (GIS). General geographic information science principles will be introduced through a series of online and classroom lectures and lab exercises. This course emphasizes the usefulness of GIS with a main focus on environmental science applications.

**GEO 2040: Advanced Geospatial Applications (3)** Prerequisite: GEO 2030

This course extends the initial Geographic Information Science skill set into real-world case studies, enabling students to incorporate geospatial data to aid in evaluating environmental concerns. Introduces the concepts of remote sensing and global positioning systems.

**GEO 2050: Introduction to Remote Sensing (3)**

This course introduces the use of remotely sensed information in a geographic information system environment. Emphasis is placed on understanding key concepts important in the fields of earth and natural sciences. Topics include photogrammetry, digital imagery, imagery interpretation, accuracy assessment, change detection and land use/land classification.

## **COURSES IN GEOLOGY**

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**GLG 1010: Physical Geology (4)** Prerequisite: Ability to make measurements with a ruler in both English and metric units.

An introductory study of minerals, rocks, land forms, and the internal structure of the earth, and the processes by which these develop. Three hours lecture, three hours laboratory.

**GLG 2005: Introduction to Oceanography (4)**

Designed to acquaint students with the earth's oceans and ocean basins, the course will emphasize an interdisciplinary approach focusing on the following: geologic development of the ocean basins and margins, chemistry of ocean waters, physics of water circulation, ocean/atmospheric interactions, marine biology, and human impact on the oceans. Students are expected to gain a basic knowledge of various ocean environments and ocean dynamics and the interplay of oceans and other earth systems. Three lecture and three laboratory hours per week.

**GLG 2010 Introduction to Meteorology (4)**

An introductory study of meteorology and climate. Topics include structure of the atmosphere, physical components of the atmosphere and their interaction, short-term and long-term factors affecting weather and climate and basic forecasting. Three lecture and three laboratory hours per week.

**GLG 3010: Historical Geology (4)** Prerequisites: GLG 1010 or permission of instructor

A survey of the physical and ecological development of planet earth as revealed through coupled evidence from rocks and fossil assemblages, interpreted in light of modern theories of plate tectonics. Emphasis will be placed on the physical and biological evolution of North America. Three lecture or laboratory hours per week, two Saturday field trips, and one weekend-long field trip during the semester.

**GLG 3015: Soils and Land Restoration (4)** Prerequisites: CHM 1010/1011 and GLG 1010 or permission of instructor

Basic principles of soil classification and formation. Special emphasis on restoration techniques used to remediate highly disturbed lands. Three hours lecture, three hours laboratory or field work per week. Offered alternate years. Cross-listed with ENV 3015

**GLG 3020: Environmental Geology (3)** Prerequisite or corequisite: GLG 1010, CHM 1010/1011 or permission of instructor

A study of the interaction between geologic processes and human society. Topics include mineral, water, and energy resources, volcanic hazards, earthquakes, landslides, floods, coastal erosion, pollution problems and environmental management. Three lecture or laboratory hours per week.

**GLG 3030: Rocks and Rock-forming Minerals (5)** Prerequisite or corequisite: GLG 1010, CHM 1020/1021 or permission of instructor

An introduction to the classification, occurrence, and origin of rocks and rock-forming minerals. Three lecture hours and six laboratory hours per week. Offered alternate years.

**GLG 3040: Low Temperature Geochemistry (3)** Prerequisites: GLG 3030 or permission of instructor

An introduction to the chemical processes affecting the distribution and pathways of chemical compounds in natural waters, both marine and non-marine. Emphasis will be placed on the fundamentals of water-rock interactions and elemental cycles over a broad range of conditions at or near the earth's surface. Three lecture or laboratory hours per week. Offered alternate years.

**GLG 3050: Geology of Natural Resources (3)** Prerequisites: GLG 3030 or permission of instructor

An introduction to the geology, genesis, extraction and related environmental issues, of metallic and non-metallic mineral resources and fossil fuels. Three lecture or laboratory hours per week. Offered alternate years.

**GLG 3080: Geological Methods (4)** Prerequisite: GLG 1010, GLG 3010 or Permission of Instructor

This course is designed to acquaint students with methods by which geologic data are acquired, displayed and analyzed. Topics covered will include basic surveying and geologic mapping, introduction to structural analysis and subsurface correlation, proper soil and water sample collection, and remote sensing. Three lecture and three laboratory hours per week.

**GLG 4010: Hydrogeology (4)** Prerequisites: GLG 3030; MTH 2040; PHY 1010/1011 or permission of instructor

The study of water beneath the surface of earth, beneath the water table, in soils, and in geologic formations. Emphasis is placed on analysis of geologic factors related to occurrence, distribution, recovery and use of ground water. Three lecture hours and three laboratory hours per week. Offered alternate years.

**GLG 4910: Geology Research (1-3)** Prerequisite: Permission of Instructor

This course is designed to provide reinforcement of geological concepts and research techniques to interested students through research projects in the geological sciences. The course may be offered by faculty or, interested students may submit a research proposal to a faculty mentor for approval before registering. Each credit hour earned requires 3 lab or field

hours per week. Students may count no more than 3 credit hours toward a major in either Earth Science or Environmental Science.

**GLG 4950, 4951: Special Topics in Geology (1-3, 1-3)**

## **COURSES IN NATURAL SCIENCE**

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**NAS 1000: A Citizen's Guide to the Environment (4)**

An introduction to the process of science, including how science works, its limitations, and how science and society influence each other. Focusing primarily on the principles of biology and chemistry, the course attempts to foster a sense of personal responsibility for the environment based on an awareness of environmental issues, including their causes and social, economic, and geopolitical implications. The laboratory uses inquiry-based exercises and promotes civic engagement activities. This course does not apply to any major or minor in the natural sciences. Three hours of lecture and three hours of lab per week.

**NAS 1001: Science, Medicine, and Society (4) Prerequisite:** NAS 1000

An introduction to human health, including how science and society influence each other on health-related issues. Focusing primarily on the principles of biology and chemistry, students will explore current health-related topics to understand the science involved, as well as discuss the individual and societal implications of these issues. The laboratory uses inquiry-based exercises and promotes civic engagement activities. This course does not apply to any major or minor in the natural sciences. Three hours of lecture and three hours of lab per week.

**NAS 1010: Science and Society (4)**

This course allows students majoring in a non-science field to learn about the process of science, including how science works, its limitations, and how science and society influence each other. Topics are variable but will be problem-based, communication intensive, and engage students with focused topics in science to show how science and society interact. The laboratory uses inquiry-based field or laboratory exercises. This course does not apply to any major or minor in the natural sciences. Students may take this course more than once as long as the specific topic is different. Three hours of lecture and three hours of lab per week.

**NAS 1020: Principles of Chemistry (4)**

Selected topics from descriptive and theoretical chemical literature. No previous knowledge of chemistry assumed. Not open to students who have successfully completed CHM 1010 or 1020. (Satisfies no departmental degree requirements.) Three class hours and three lab hours per week.

**NAS 2000: Chemistry in Our Daily Lives: Consumer and Environmental Chemistry (4)**

Prerequisite: ENG 1020 or permission of instructor

Examination of the inorganic and organic chemicals that affect our daily lives (food, clothing, health, cleanliness, transportation, air and water, appearance and agriculture). (Satisfies no departmental degree requirement.) Three class hours and three lecture hours per week

## COURSES IN PHYSICS

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**PHY 1000: Introduction to Astronomy I (3)** Prerequisite or corequisite: MTH 1010

The first semester of a year-long introductory course in astronomy. This semester covers the celestial sphere, the formation of the solar system, the interiors, surfaces and atmospheres of the planets, the formation of moons and ring systems, the asteroids, comets, and Pluto. Three lecture hours.

**PHY 1001: Introduction to Astronomy Laboratory I (1)** Prerequisite or corequisite: PHY 1000

Laboratory component of PHY 1000. In addition to lab exercises which will complement the PHY 1000 lecture material, this course focuses on practical observing skills such as naked eye observations of the night sky and the use of telescopes. Three laboratory hours.

**PHY 1002: Introduction to Astronomy II (3)** Prerequisite: PHY 1000

The second semester of a year-long introductory course in astronomy. This semester covers stars, galaxies and quasars, and the universe, including the birth of the universe in the Big Bang and its ultimate fate. Three lecture hours.

**PHY 1003: Introduction to Astronomy Laboratory II (1)** Prerequisite: PHY 1001

A continuation of PHY 1001. We will continue to do lab exercises to complement the lecture material in PHY 1002 but our observing focus will shift to deep sky objects such as galaxies, nebulae, and quasars. This semester will include the collection and analysis of astronomical data using the telescope. Three laboratory hours.

**PHY 1010: Introduction to Physics I (4)** Prerequisite: C or above in MTH 1210

An introductory level college physics course using mathematics through algebra and trigonometry. Topics covered include kinematics and Newton's laws with vectors, energy and momentum conservation, rotational motion, harmonic motion, and thermodynamics. Four lecture hours per week.

**PHY 1011: General Physics Lab I (1)** Prerequisite or corequisite: PHY 1010

An introductory laboratory course in physics. Experiments are intended to support lecture material in PHY 1010. Includes general laboratory procedures and methods of data analysis. Three hours of laboratory work per week.

**PHY 1020: Introduction to Physics II (4)** Prerequisite: C or above in PHY 1010

A continuation of Principles of Physics 1. Topics include electrostatics, circuits, electric and magnetic fields, geometric optics, quantum mechanics, atomic structure and nuclear physics. Four lecture hours per week.

**PHY 1021: General Physics Lab II (1)** Prerequisite: PHY 1011; Prerequisite or corequisite: PHY 1020 or PHY 3020

A continuation of General Physics Lab 1. Experiments are intended to support lecture material in PHY 1020. Three hours of laboratory work per week.

**PHY 1950, 1951: Special Topics in Astronomy (1-3, 1-3)** Prerequisite: Permission of instructor

An introductory level special topics course.

**PHY 3010: College Physics I (4)** Prerequisite: C or above in MTH 2040

An introductory level, calculus-based physics course. Topics covered include kinematics, Newton's laws, energy and momentum conservation, rotational motion, gravity, thermodynamics, and fluid dynamics. Four lecture hours per week.

**PHY 3011: College Physics Lab I (1)** Prerequisite or corequisite: PHY 3010

An introductory laboratory course in calculus-based physics. Experiments are intended to support lecture material in PHY 3010. Includes general laboratory procedures and methods of data analysis. Three hours of laboratory work per week.

**PHY 3020: College Physics II (4)** Prerequisite: C or above in PHY 3010 and MTH 2050

A continuation of College Physics 1. Topics covered include electrostatics, circuits, electric and magnetic fields, electromagnetic waves, geometric optics, diffraction and interference, and special relativity. Four lecture hours per week.

**PHY 3021: College Physics Lab II (1)** Prerequisite: PHY 3011; pre-or corequisite: PHY 3020

A continuation of College Physics Lab I. Experiments are intended to support lecture material in PHY 3020. Three hours of laboratory work per week.

**PHY 3030: Electronics (4)** Prerequisites or corequisite: MTH 2040 and PHY 1020 or PHY 3020

Analog and digital electronics for scientific applications. Topics include Thevenin's Theorem, capacitors and inductors, high/low pass filters, semiconductors, transistors, operational amplifiers, Boolean logic, logic gates, logic circuits, and analog to digital conversion. Three lecture hours and three laboratory hours per week.

**PHY 3040: Modern Physics I (3)** Prerequisite: PHY 3020

Twentieth century developments in physics. Topics include special relativity, introductory quantum theory, the particle theory of light, the wave nature of electrons, and atomic structure. Three lecture hours per week.

**PHY 3041: Experimental Modern Physics (1)** Prerequisite: PHY 3020; Prerequisite or corequisite: PHY 3040

A laboratory class with experiments relating to important 20th century developments in physics. Lab experiments may include measuring the speed of light; measuring Planck's constant using a photoelectric effect device; measuring critical properties of superconductors; performing experiments observing EMR (electron spin resonance) and NMR (nuclear spin resonance); and detecting alpha, beta and gamma particles resulting from nuclear decay. Three laboratory hours.

**PHY 3050: Modern Physics II (3)** Prerequisite: PHY 3040

A continuation of Modern Physics I. Topics may include: orbital and spin angular momentum in atoms, molecular structure and spectra, lasers, statistical physics (bosons and fermions), solid state physics, nuclear physics and particle physics. Three lecture hours per week.

**PHY 4010: Quantum Physics (3)** Prerequisite: PHY 3040



Non-relativistic quantum mechanics. Topics include an introduction to wave mechanics; mathematical tools of quantum mechanics; and the application of quantum mechanics to spin 1/2 systems, the one-dimensional harmonic oscillator and the hydrogen atom.

**PHY 4910: Physics Research (1-3)** Prerequisite: Permission of Instructor

Designed to introduce the student to research techniques in physics, astronomy, or engineering. With faculty supervision, each student will complete a project which requires originality and broadens knowledge. Research projects must be approved by the proposed faculty mentor prior to registration. Each credit hour earned requires 3 lab or computer lab hours per week. Students may count no more than 3 credit hours toward physics minor.

**PHY 4950, 4951: Special Topics in Physics (1-3, 1-3)** Prerequisite: Permission of instructor

Pursuit of some subject which is not normally covered in a regularly scheduled class. May be taken once or twice for one, two, or three credit hours of credit per semester.

**PHY 4970: Independent Study (1-3)**

## **COURSES IN PUBLIC HEALTH**

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**PBH 3010: Introduction to Global Health (3)**

This course is an introduction to key concepts and current issues in global health, emphasizing the challenges, diseases, and conditions of global importance, patterns of mortality and morbidity, social economic and political determinants, social inequalities, and the population based and institutional responses to prevent and control disease. The course will challenge students to consider how "Global = Local", exploring connections and similarities between "global health" and public health in the United States, especially within the Appalachian Region. Three lecture hours per week.

**PBH 3020: Introduction to Public Health: Appalachian Perspectives (3)**

Introduction to Public Health: Appalachian Perspectives is designed to introduce students to the field of public health, including historical development, foundational principles, and contemporary issues focusing on the challenges of rural public health and health disparities in central Appalachia. The course will allow for a broad understanding of the many factors which influence health, including behavior, history, culture, geography, society, environment, and policy, and the relationship of these to disease, prevention, health promotion and successful public health interventions. Three lecture hours per week.

**PBH 3950, 3960: Special Topics in Public Health (1-3, 1-3)**

**PBH 4950, 4960: Special Topics in Public Health (1-3, 1-3)**

## **SCIENCE EDUCATION**

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**SCI 3000: Introduction to Science Education for the PreK-6 Teacher (2)** Prerequisite or corequisite: EDU 2510

This course is an introduction to the field of science education for students intending to teach in grades Pre-K-6. As a foundational course in science education methodology. This course explores topics such as the nature of science and scientific inquiry, constructivism as a learning

theory and a teaching perspective, conceptual change, inquiry-based instruction, formative and summative assessment, and national and state science standards, among others. Students will be required to complete 20 hours of supervised observation in a Pre-K-6 science classroom. Two lecture hours per week.

**SCI 3010: Physical Science for the preK-6 Teacher (4)** Prerequisite: SCI 3000

This course provides a standards-based exploration of the content and teaching methods in physical science necessary for the Pre-K-6 classroom. Building on the foundational methods discussed in SCI 3000, this course provides students the opportunity to actively learn in an inquiry-based format, as well as to create and teach lessons that reflect the goals of the Virginia Science Standards. Laboratory exercises will be an important component of the course. Topics covered will include force and motion, work, power, and energy, simple machines, temperature and heat, static and current electricity, magnetism, sound, light, and matter, among others. (This course may partially satisfy the Liberal Arts Core laboratory science requirement for students in the Pre-K-6 licensure program only.) Four hours a week, a combination of lecture and lab.

**SCI 3020: Earth and Space Science for the preK-6 Teacher (4)** Prerequisite: SCI 3000

This course provides a standards-based exploration of the content and teaching methods in earth and space science necessary for the Pre-K-6 classroom. Building on the foundational methods discussed in SCI 3000, this course provides students the opportunity to actively learn in an inquiry-based format, as well as to create and teach lessons that reflect the goals of the Virginia Science Standards. Laboratory exercises will be an important component of the course. Topics covered will include rocks and minerals, soil, Earth's compositional layers, the theory of plate tectonics, Earth's surface (land and water), surface processes, the atmosphere, weather and climate, and astronomy, among others. (This course may partially satisfy the Liberal Arts Core laboratory science requirement for students in the preK-6 licensure program only.) Four hours a week, a combination of lecture and lab.

**SCI 3030: Life Science for the preK-6 Teacher (4)** Prerequisite: SCI 3000

This course provides a standards-based exploration of the content and teaching methods in life science necessary for the preK-6 classroom. Building on the foundational methods discussed in SCI 3000, this course provides students the opportunity to actively learn in an inquiry-based format, as well as to create and teach inquiry-based lessons in life science. Laboratory exercises will be a critical component of the course. Topics covered will include biological classification, characteristics of living organisms, plant and animal life cycles, fundamental concepts in human biology, nutrition and exercise, environmental resources, and conservation of natural resources, among others. (This course may partially satisfy the Liberal Arts Core laboratory science requirement for students in the preK-6 licensure program only.)

**SCI 3950: Special Topics in Science Education (1-3)** Prerequisites: permission of instructor

This course permits students more in-depth exploration of a topic(s) in Science Education not covered in a regularly scheduled class. This could range from literature discussions to involvement in research experiences. May be repeated up to 2 times for 1-3 credit hours.

**SCI 4010: Methods for the Secondary Science Teacher (3)** Prerequisites: EDU 2510, either BIO 3980 or CHM 4980 or ENV 4980, and admission to the Teacher Education Program

This course is an introduction to teaching methods in Science Education for students intending to pursue secondary licensure in Biology or Chemistry or Earth Science for grades 6-12. As a foundational course in science education methodology, this course explores topics such as the nature of science and scientific inquiry, constructivism as a learning theory as a teaching perspective, conceptual change, inquiry-based instruction, formative and summative assessments, and national and state science standards, among others. In addition, methods for teaching discipline-specific content (including hands-on laboratory activities) will be addressed. Students will be required to complete 20 hours of supervised secondary classroom observation in biology or chemistry or earth science. (SCI 4010 will not satisfy the Liberal Arts Core requirement nor count toward a major or minor within the Department of Natural Sciences.) Three lecture hours per week.

**SCI 4950: Special Topics in Science Education (1-3)** Prerequisites: permission of instructor

This course permits students more in-depth exploration of a topic(s) in Science Education not covered in a regularly scheduled class. This could range from literature discussions to involvement in research experiences. May be repeated up to 2 times for 1-3 credit hours.

**SCI 4970: Independent Study in Science Education (1-3)** Prerequisite: Permission of instructor

This course provides an individualized opportunity for students to explore a Science Education area/topic of their choice. Workload and course requirements will be designed on a student-by-student basis.

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## DEPARTMENT OF NURSING

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**Degree:** Bachelor of Science in Nursing

**Major:** Nursing

**Chair:** Nancy Haugen

**Faculty:** Miranda Cashio, Cassidy Hughes, Brandy McCarroll, Dawn L. Meade, Renee Stanley

The Department of Nursing offers a program of study leading to the Bachelor of Science in Nursing degree (BSN). This program is approved by the Virginia State Board of Nursing and is accredited by the Commission on Collegiate Nursing Education. The nursing major has two tracks: Pre-Licensure and RN to BSN. Upon completion of the Liberal Arts Core courses and the required nursing courses, the student will have accrued a total of 126 hours (Pre-Licensure) or 120-122 hours (RN to BSN) for graduation.

The Pre-Licensure track is for students who wish to earn a BSN and take the registered nurse licensure examination, the National Council Licensure Examination (NCLEX-RN®). Once admitted to the nursing major, students in the Pre-Licensure Program must enroll full-time.

The RN to BSN track is a program for registered nurses who have either a diploma or an associate degree in nursing. The RN to BSN track has been specifically designed for the working registered nurse student. The courses in the RN-BSN track are all online. The optional minor in Leadership Studies will provide the registered nurse with the skills and knowledge necessary for coordinating and managing patient care in complex health situations in health care facilities and in the community. The BSN program is designed to prepare the student for graduate study.

### ***Mission Statement***

The mission of the nursing program is to prepare graduates with a liberal education, expanded knowledge about nursing and health care, competence in nursing practice, preparation for graduate study, and tools for lifelong learning. The program prepares professional nurses with the ability to practice in a caring manner on a regional, national, and global level.

### ***Philosophy***

The faculty in the Department of Nursing bring distinct and diverse experiences, abilities, and beliefs to the curriculum and the classroom. The philosophy of the Department of Nursing exemplifies the beliefs that faculty and students share about health, the recipients of care, role preparation, nursing, and nursing education:

Health is a state of physical, psychosocial, interpersonal and environmental well-being based on adaptive responses to stressors. Health is viewed on a continuum from wellness to illness.

Patients, the recipients of nursing care, include individuals, families, groups, and communities. Patients and nurses collaborate in the assessment, planning, implementation, and evaluation of nursing and health care.

Nurses are responsible for maintaining, promoting and enhancing the health of individuals, families, groups and communities, and for contributing to improvements in the health care system. Nurses emphasize primary health care, promote healthy lifestyles, and recognize the importance of health promotion and disease prevention.

The role of the nurse evolves in response to changing expectations and demands in the marketplace. Nurses provide holistic health care that includes health education, advocacy, and a committed, caring relationship. They are responsible for participating in discussions and seeking solutions for health care issues locally, regionally, nationally, and globally.

The faculty are dedicated to exploring and adopting approaches to education enhances relationships between learners and teachers, creates a stimulating learning environment, and promotes educational excellence. The curriculum reflects characteristics and needs of students, traditional and emerging health care and nursing practice, and a community-based health care system. Communication, reasoning, analysis, research, decision-making, and technological innovations – central concepts of baccalaureate nursing education – influence the curriculum and pedagogy.

Faculty and students share responsibility for learning goals and outcomes, and participatory learning activities. Faculty facilitate and guide learning experiences consistent with student knowledge, skills, and experience. Faculty and students interact with community and health care professionals to provide disciplinary and interdisciplinary learning activities and practice opportunities.

An active, stimulating, and exciting environment encourages inquiry, curiosity, critical thinking, and insight. Students in such an environment achieve at a higher level and gain tools and aspirations for continuing education and lifelong learning.

## ***Program Learning Outcomes***

The Department of Nursing prepares graduates to meet the following goals in their entry-level practice with individuals, families, and communities:

- Apply knowledge from the humanities, the arts and letters, social and natural sciences, and nursing to practice competently in a variety of settings;
- Implement independent nursing decisions based on clinical reasoning and nursing judgment;
- Use critical thinking and communication skills to improve the effectiveness of nursing practice, based on current knowledge, theory, and research;
- Emphasize quality, cost effectiveness, and collaboration in nursing practice;
- Design and implement activities that promote, protect, and improve healthy behaviors and emphasize primary and secondary preventive strategies across the lifespan;
- Impact nursing and health care on local, regional, and global populations;
- Advocate for recipients of health care as they participate in decisions about and evaluation of their care through the application of research and information technology;

- Provide leadership in nursing care and health promotion;
- Incorporate knowledge of professional nursing and ethical standards and legal aspects into nursing practice;
- Maintain and increase nursing knowledge and competence by participating in formal and informal education.

## ADMISSION: PRE-LICENSURE PROGRAM

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Applicants to the Pre-Licensure Program in Nursing should follow the application procedures outlined earlier in this Catalog. Students who are offered admission to the College must also be formally admitted to the nursing major.

In order to progress to the courses in the major, students must successfully complete the following core requirements:

- BIO 1010 and BIO 1011
- Enrollment in or completion of BIO 2310/2311 and 2320/2321, Anatomy and Physiology I and II

*Note regarding science courses:* All transfer courses for the sciences must transfer as UVA Wise course transfer equivalencies. Exceptions are only available from the Chair of the Nursing Department.

- Completion of English sequence, ENG 1010 and ENG 1020
- Completion of, or exemption from, SEM 1010-1020
- Completion or in sequence to complete the following courses prior to entering the nursing program:
  - PHI 1030 (or equivalent, such as Ethics)
  - PSY 1100 (or equivalent, such as Lifespan or Developmental)
  - SOC 1100 (or equivalent, such as Marriage and Family)
  - ECO 1050 or other course to meet social sciences requirement
  - MTH 1180
- Minimum **cumulative** GPA of 2.75 on a 4.0 scale for all Liberal Arts Core requirements in the nursing major.
- Minimum **science** GPA of 2.75 on a 4.0 scale for Biology, and Anatomy and Physiology courses.
- No grade less than a "C-" will be accepted for any Liberal Arts Core course required for the nursing major.
- Students must complete the Test of Essential Academic Skills (TEAS) prior to admission with an overall minimum score of 68.
- Students must submit a copy of their high school transcripts or a copy of high school equivalence certificate, and if the student is a foreign graduate, a transcript translated into English to the department of Nursing prior.

Candidates may be awarded provisional acceptance following the application process. All Liberal Arts Core and prerequisite courses must be completed prior to beginning the clinical nursing courses in the fall semester of the junior year. All general science courses must be completed by the end of spring semester of sophomore year. The student must maintain the minimum cumulative GPA of 2.75 in all course work prior to beginning the junior clinical nursing courses. Science courses must be completed with a minimum GPA of 2.75 with no grade in any science course less than "C-".

## **ADMISSION: RN TO BSN PROGRAM**

Applicants who meet the following criteria are eligible for admission into the nursing major with junior status:

- Graduation from a state-approved nursing program from a regionally accredited community college or a diploma from a school of nursing
- Completion of 20 or more of the 53 credit hours of Liberal Arts Core required for graduation with a grade of C or above
- Cumulative grade point average of 2.0 or above for all prior academic (non-nursing) work and a 2.3 (C+) or above for all prior nursing course work
- Licensure as a registered nurse in one or more states (must be licensed in states where clinical experiences are conducted)
- Characteristics consistent with acceptable academic study and professional practice

Applicants to the program follow regular College admission procedures. In addition, as transfer students, they must submit the following:

- Official transcripts of all academic work completed at other academic institutions they attended including hospital schools of nursing
- Registration number and expiration date of license to practice nursing

## **ACADEMIC PROGRESSION**

Nursing majors are governed by the College continuance policies as stated in The University of Virginia's College at Wise Catalog as well as the following Department-specific policies:

1. Students are expected to successfully complete required prerequisite Liberal Arts Core coursework prior to beginning upper level nursing courses. In order to remain in good academic standing, an overall cumulative GPA of 2.75 or better is required in Liberal Arts Core courses required for the nursing major. A GPA of 2.75 is required in the science courses. No grade less than a "C-" in any science course or Liberal Arts Core course required for the nursing major will be accepted.
2. A grade of 80% or better in all nursing courses is required to continue in the nursing program. Students are required to pass the clinical lab associated with a nursing course. Failure in either the theory or clinical component requires repeating both associated courses after successfully petitioning for re-admittance to the program.

- For example, failure of NUR 3000 would require repeating NUR 3000 and NUR 3010; failure of NUR 3010 would require repeating NUR 3000 and NUR 3010.
3. In order to achieve a passing course grade in a didactic nursing course, both the test average and final course grade must be at least 80 percent. The test average is calculated prior to any other coursework being calculated into the final grade. If the test average is not 80 percent, a grade of "F" will be issued for the course.
  4. Students who achieve a final course grade of less than 80 percent in any nursing course are unable to enroll in subsequent nursing courses. Students may petition to the Nursing Department to be accepted into the failed course the next time it is scheduled, on a space available basis. Sophomore students who are unsuccessful in passing NUR 2100, NUR 3130 or NUR 3140 must reapply to the nursing major with the next applicant class.
  5. A nursing course may be repeated only once. Failure in any two nursing courses will result in dismissal from the nursing program.
  6. Students requesting or receiving a grade of Incomplete ("I") in any nursing course(s) may not enroll in subsequent courses. Continued progression in the nursing major is contingent upon removal of the grade of "I" as described in The University of Virginia's College at Wise Catalog.
  7. Each semester, students will be required to complete computerized testing activities through Assessment Technologies, Inc. (ATI) The testing modules are intended to facilitate learning and remediation throughout each course as needed and on an individual basis. The purchase of the testing modules is required prior to the start of each semester. Failure to purchase the testing module will result in the student's exclusion from class and will result in a course failure if the student does not perform the testing as required by the course instructor.
    - Junior students who do not pass all three required ATIs (Fundamentals, Pharmacology and Mental Health) with a Level 2 or higher after their second attempt must enroll in a summer online remediation course to improve study and test-taking skills.
    - Senior students who do not pass two of the three required ATIs in the first semester (Medical-Surgical, OB, and pediatrics) with a Level 2 or higher after their second attempt must enroll in a one-hour remediation course the spring semester.
    - Proctored Comprehensive Predictor ATI
    - Students are required to pass the Comprehensive Predictor ATI with a 90% predictability of passing NCLEX-RN®. Students who do not achieve a 90% predictability the first time must complete a written focused review, attend the NCLEX-RN® review course, review and receive and "I" in NUR 4390. These students must enroll (at the student's expense) in the Virtual ATI review course. The "I" will be changed to a final grade when the student receives notification from their ATI mentor that they are ready to take the NCLEX-RN® exam. Proof of notification should be presented to the department chair for the final grade to be issued.



## GRADUATION

Students in the nursing major must meet UVA Wise graduation requirements listed elsewhere in this Catalog as well as the following specific requirements for the nursing major:

### **Pre-Licensure Program**

All senior pre-licensure BSN students are expected to take a standardized readiness examination (ATI), administered by the department in the spring semester of senior year, to prepare for the licensure exam. This examination individually evaluates strengths and developmental needs of the graduating novice prior to sitting for the NCLEX-RN®. Students who do not achieve a 90 percent predictability for passing NCLEX-RN® on the standardized exam will be required to submit proof of payment for a licensure review course prior to graduation. Senior pre-licensure BSN students who successfully complete all requirements for the Bachelor of Science in Nursing degree program are eligible to take the NCLEX-RN® for licensure as a registered nurse.

### **RN to BSN Program**

- An overall grade point average of 2.0 ("C") or higher for all college-level work including work transferred to UVA Wise, and 2.3 ("C+") or higher on all work attempted at the College;
- A grade point average of 2.7 ("B-") or higher in the nursing major; and
- Completion of upper division nursing courses.

## DESCRIPTION OF MAJOR

The Bachelor of Science in Nursing requires completion of specific Liberal Arts Core requirements that all students who graduate from UVA Wise must meet, and the upper division nursing major.

## Bachelor of Science in Nursing

PRE-LICENSURE – BACHELOR OF SCIENCE IN NURSING		
COURSE CODE	TITLE	CREDIT HOURS
<b><i>Program Prerequisites (included in Liberal Arts Core hours)</i></b>		
BIO 2310/2311	Introduction to Anatomy and Physiology I & Lab	4
BIO 2320/2321	Introduction to Anatomy and Physiology II & Lab	4
PHI 1030	Logic I*	3
PSY 1100	Introduction to Psychology*	3
SOC 1100	Introduction to Sociology*	3
MTH1180	Elementary Probability and Statistics*	3

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GEN ED	Total Liberal Arts Core Requirements	52-53
<b><i>Required Courses</i></b>		
NUR 2100	Health Promotion and Nutrition Across the Lifespan	3
NUR 3000	Fundamentals of Nursing	3
NUR 3010	Fundamentals of Nursing Clinical Laboratory	3
NUR 3030	Basic Nursing Simulations and Skills Laboratory	1
NUR 3100	Pathophysiology	3
NUR 3130	Health Assessment	2
NUR 3140	Health Assessment Lab	1
NUR 3200	Medication Administration	1
NUR 3300	Pharmacology I	3
NUR 3310	Pharmacology II	3
NUR 3400	Adult Medical-Surgical Nursing	3
NUR 3410	Adult Medical-Surgical Nursing Clinical	3
NUR 3500	Psychiatric and Mental Health Nursing	3
NUR 3510	Psychiatric and Mental Health Nursing Clinical Laboratory	2
NUR 3530	Intermediate Nursing Simulations and Skills Laboratory	1
NUR 4030	Advanced Nursing Simulations and Skills Laboratory	1
NUR 4300	Advanced Concepts in Clinical Nursing	3
NUR 4310	Advanced Concepts in Nursing Clinical Laboratory	3
NUR 4400	Nursing Care of Childbearing Families	3
NUR 4410	Nursing Care of Childbearing Families Clinical Laboratory	3
NUR 4600	Community Health Nursing	3
NUR 4610	Community Health Clinical Laboratory	3
NUR 4710	Evidence-Based Nursing Practice	3
NUR 4800	Healthcare Leadership and Management	3
NUR 4810	Healthcare Leadership and Management Clinical	1
NUR 4930	Synthesis of Professional Nursing Practice	3
NUR 4940	Synthesis of Professional Nursing Practice Clinical Laboratory	2
<b>TOTAL</b>		<b>128</b>

\* Required prerequisites for the prelicensure nursing curriculum and will count as units toward the general education liberal arts core requirements.

## **SAMPLE Course Outline for Pre-Licensure Baccalaureate Nursing Program**

<b>SEMESTER 1</b>		<b>FIRST YEAR</b>		<b>SEMESTER 2</b>	
ENG 1010 Composition I	3	ENG 1020 Composition II	3		
FOREIGN LANGUAGE I	3	FOREIGN LANGUAGE II	3		
SEM 1010* Freshman Seminar	1	ART 1XXX Any ART, MUS or THT Course	3		
BIO 1010/1011 Principles of Biology & Lab	4	SOC 1100 Introduction to Sociology	3		
MTH 1010 Algebra	3	MTH 1180 Probability and Statistics	3		
<b>SEMESTER 3</b>		<b>SECOND YEAR</b>		<b>SEMESTER 4</b>	
BIO 2310/2311 Introduction to Anatomy & Physiology I	4	BIO 2320/2321 Introduction to Anatomy & Physiology II	4		
PHI 1030 Logic	3	ENG 3XXX Any Literature Course	3		
HIS 1010 History of Western Civilization I	3	HIS 1020 History of Western Civilization II	3		
PSY 1100 Introduction to Psychology	3	NUR 2100 Health Promotion and Nutrition Across the Lifespan	3		
PED 1900 Physical Activity Course	1	NUR 3130 Health Assessment	2		
ECO XXXX Any ECO, POL, ANT Course	3	NUR 3140 Health Assessment Lab	1		
<b>SEMESTER 5</b>		<b>THIRD YEAR</b>		<b>SEMESTER 6</b>	
NUR 3000 Fundamentals of Nursing	3	NUR 3310 Pharmacology II	3		
NUR 3010 Fundamentals of Nursing Clinical Laboratory	3	NUR 3400 Adult Medical-Surgical Nursing	3		
NUR 3030 Basic Nursing Simulation and Skills Laboratory	1	NUR 3410 Adult Medical-Surgical Nursing Clinical Laboratory	3		
NUR 3100 Pathophysiology	3	NUR 3500 Psychiatric and Mental Health Nursing	3		
NUR 3200 Medication Administration Lab	1	NUR 3510 Psychiatric and Mental Health Nursing Clinical Laboratory	2		
NUR 3300 Pharmacology I	3	NUR 3530 Intermediate Nursing Simulations and Skills Laboratory	1		
<b>SEMESTER 7</b>		<b>FOURTH YEAR</b>		<b>SEMESTER 8</b>	
NUR 4030 Advanced Nursing Simulations and Skills Laboratory	1	NUR 4600 Community Health Nursing	3		
NUR 4300 Advanced Concepts in Clinical Nursing	3	NUR 4610 Community Health Nursing Clinical Laboratory	2		
NUR 4310 Advanced Concepts in Clinical Nursing Clinical Laboratory	3	NUR 4800 Healthcare Leadership and Management	3		
NUR 4400 Nursing Care of Childbearing Families	3	NUR 4810 Healthcare Leadership and Management Clinical	1		
NUR 4410 Nursing Care of Childbearing Families Clinical Laboratory	3	NUR 4930 Synthesis of Professional Nursing Practice	3		
NUR 4710 Evidence-Based Nursing Practice	3	NUR 4940 Synthesis of Professional Nursing Practice Clinical Laboratory	2		
<b>TOTAL</b>			<b>124</b>		

\*Second half of SEM 1020 is required if you are not in Good Academic Standing at the end of your first semester.

## Bachelor of Science in Nursing

### RN to BSN Program

NOTE: According to UVA Wise policy for graduation, students must complete at least 58 credit hours in a regionally accredited four-year college or university. Students accepted into the RN to BSN program will be granted local transfer credit based on completed nursing credits from an accredited institution.

<b>RN to BSN Program - Bachelor of Science in Nursing (BSN)</b>	
Lower division courses in nursing by transfer from or validation of diploma program course work	39
Liberal Arts Core Requirements (MTH 1180 is required.)	51
<b>Nursing Major (Upper Division) Required Courses:</b>	30
NUR3230 Issues in Professional Nursing	
NUR3170 Leadership/Management I	
NUR4710 Evidence-Based Nursing Practice	
NUR3180 Nursing Theory	
NUR3190 Appalachian Culture and Health	
NUR4210 Genomics in Nursing Practice	
NUR4870 Leadership/Management II	
NUR4654 Rural/Public Health	
NUR4190 Health Promotion in Rural Appalachia	
NUR4920 Transition to Professional Nursing Practice	
<b>TOTAL</b>	<b>120</b>

## COURSES IN NURSING

**NUR 2100: Health Promotion and Nutrition Across the Lifespan (3)** Prerequisite: Provisional admission to the Nursing Major Corequisite: NUR 3130, NUR 3140

This course focuses on the holistic approach to the health promotion and nutrition of the individual and family throughout all developmental stages, across the lifespan. This course will address the primary influences on health and health risks specific to each age group, with cultural care considerations. Emphasis will be on the role of the nurse in guiding individuals and families through life transitions.

**NUR 3000: Fundamentals of Nursing (3)** Prerequisite: NUR 2100, NUR 3130, NUR 3140  
Corequisites: NUR 3010, NUR 3030, NUR 3100, NUR 3300

This course provides the student with the theoretical principles of nursing interventions designed to assist clients in meeting their human needs. The course focuses on the use of the nursing process in the application of knowledge from nursing, including the behavioral, social, and biological sciences and the humanities, to meet acute and chronic unmet human needs of clients.

**NUR 3010: Fundamentals of Nursing Clinical Laboratory (3)** Prerequisite: NUR 2100, 3130, NUR 3140 Corequisites: NUR 3000, NUR 3030, NUR 3100, NUR 3300

This course is the clinical component of NUR 3000: Fundamentals of Nursing, and consists of 36 hours of skills lab and 90 of clinical experience.

**NUR 3030: Basic Nursing Simulations and Skills Laboratory (2)** Prerequisite: NUR 2100, NUR 3130, NUR 3140 Corequisites: NUR 3000, NUR 3010, NUR 3100, NUR 3300

This course provides the student with the study of nursing therapeutics that serve as the basis for many aspects of nursing care. Nursing care techniques and the evaluation of the outcomes of those techniques for a selected group of health care concepts will be discussed, demonstrated, practiced and validated in this laboratory course.

**NUR 3100: Pathophysiology (3)** Prerequisites: NUR 2100, NUR 3130, NUR 3140, or RN-BSN admission to the nursing major Corequisite: NUR 3000, NUR 3010, NUR 3030, NUR 3300

This course is designed to introduce the baccalaureate nursing student to pathophysiology and clinical nursing management of selected conditions affecting adults and children. This course explores the biologic basis for disease in adults and children.

**NUR 3130: Health Assessment (2)** Prerequisites: Admission to the nursing major  
Corequisite: NUR 2100, NUR 3140

Knowledge and skills to conduct a basic health assessment including health history and physical examination. Interpretation of normal findings and identification of deviations from normal.

**NUR 3140: Health Assessment Lab (1)** Prerequisites: Admission to the nursing major  
Corequisite: NUR 2100, NUR 3130

This course is the laboratory component of NUR 313: Health Assessment, and consists of 45 hours of laboratory practice.

**NUR 3160: Health Care Communications (3)** A course intended to improve the communication skills of health care professionals. Three components of communication are the focus of this course: enhancing interpersonal communication skills; developing teaching skills; and health care informatics. Elective.

**NUR 3170: Leadership/Management I (3) (RN-BSN Students only)** Prerequisite: Admission to RN-BSN program

This course introduces management and leadership concepts essential in professional nursing practice in the 21st century. Management and leadership theories, roles and functions serve as the foundation for course. Key concepts covered include managing quality using informatics tools and systems, patient safety, staffing, fiscal planning and decision making.

**NUR 3180: Nursing Theory (3) (RN to BSN students only)** Prerequisite: Admission to RN-BSN program

Analysis of selected theoretical approaches and discussion of philosophy and issues related to a variety of concepts and theories.

**NUR 3190: Appalachian Culture and Health (3) (RN-BSN students only)** Prerequisite: Admission to RN-BSN program

Explores salient professional nursing concepts including cultural, ethical and legal influences on practice, theoretical foundations of nursing practice, nursing leadership and nurses' contribution to the health of the public.

**NUR 3200: Principles of Medication Administration (1)** Prerequisite: NUR 2100, NUR 3130, NUR 3140

This course provides the student with the study of nursing therapeutics and techniques of medication administration. Safe medication administration, dosage calculation, medication administration techniques, and the evaluation of outcomes of those techniques for patients will be discussed, demonstrated, practiced, and validated in this laboratory course.

**NUR 3230: Issues in Professional Nursing (3) (RN-BSN students only)** Prerequisite: Admission to RN-BSN program

Explores salient professional nursing concepts including cultural, ethical and legal influences on practice, theoretical foundations of nursing practice, nursing leadership and nurses' contribution to the health of the public.

**NUR 3300: Pharmacology I (3)** Prerequisites: NUR 2100, NUR 3130, NUR 3140 or RN to BSN Admission to the nursing major Corequisite: NUR 2100, NUR 3000, NUR 3010, NUR 3030, NUR 3100, NUR 3200

This course introduces principles of pharmacodynamics and pharmacotherapy. The use of the nursing process for safe medication administration, including legal and ethical standards, will be discussed. Lifespan, genetic, and cultural implications of drug therapy are explored.

**NUR 3310: Pharmacology II (3)** Prerequisite: All first semester junior nursing courses Corequisite: NUR 3400, NUR 3410, NUR 3500, NUR 3510, NUR 3530

This course is part II of the pharmacology requirement for nursing. It focuses on fundamental principles in systems pharmacology and their applications. Topics include drug classifications and the effect of body biochemical processes on the disposition of drugs, including quantitative expression of drug absorption, distribution, metabolism, and excretion (ADME); specific aspects of systems pharmacology, including autonomic and cardiovascular pharmacology, neuropharmacology and toxicology.

**NUR 3400: Adult Medical-Surgical Nursing (3)** Prerequisites: All first semester junior courses Corequisites: NUR 3310, NUR 3410, NUR 3500, NUR 3510, and NUR 3530

This course is designed to focus on the principles of nursing practice as it relates to adult patients experiencing subacute, acute, and chronic alterations and possible alterations of their human needs related to pathophysiology. The content also includes nursing care of the family experiencing the stressors accompanying the illness of one of its members. The course focuses

on using the nursing process in applying knowledge from nursing and other disciplines as a basis for assisting patients so that their human needs are satisfied and wellness is promoted, restored, and maintained.

**NUR 3410: Adult Medical-Surgical Nursing Clinical Laboratory (3)** Prerequisites: All first semester junior courses Corequisites: NUR 3310, NUR 3400, NUR 3500, NUR 3510, and NUR 3530

This course is the clinical component of NUR 3400: Adult Medical-Surgical Nursing, and consists of 126 hours of clinical experience.

**NUR 3500: Psychiatric and Mental Health Nursing (3)** Prerequisites: All first semester junior nursing courses Corequisites: NUR 3310, NUR 3400, NUR 3410, NUR 3510, and NUR 3530

This course focuses on the psychiatric-mental health needs of the individual and family. Biological, psychological, and emotional systems will be emphasized. Development of nursing knowledge and skill for intervention with social-emotional balances and imbalances in the lifespan will be explored. Stress, adaptation, communication, and personality development are emphasized. Behavioral and cognitive concepts, crisis theory, and mental health theories are explored.

**NUR 3510: Psychiatric and Mental Health Nursing Clinical Laboratory (2)** Prerequisite: All first semester junior nursing courses Corequisite: NUR 3400, NUR 3410, NUR 3310, NUR 3500, and NUR 3530

This course is the clinical component of NUR 3500: Psychiatric/Mental Health Nursing and consists of 84 hours of clinical experience.

**NUR 3530: Intermediate Nursing Simulations and Skills Laboratory (1)** Prerequisites: All first semester junior nursing courses Corequisites: NUR 3310, NUR 3400, NUR 3410, and NUR 3500

The discussion and practice elements of the course are focused on enhancing previously encountered skills and incorporating additional care skills for adults and family groups into a performance repertoire. The student is provided with the opportunity to explore, demonstrate, and validate selected skills.

**NUR 4010: Health Care: An International Perspective (3)** Comparison of health status, delivery systems and education of health professionals in selected industrial and developing countries. Open to non-majors. Elective.

**NUR 4030: Advanced Nursing Simulation and Skills Lab (1)** Prerequisites: All junior level nursing courses Corequisites: NUR 4300, NUR 4310, NUR 4400, NUR 4410, and NUR 4710

This course is designed to build upon clinical nursing skills introduced in previous nursing courses. The content will be presented and developed through simulated application. Additionally, this course will incorporate critical thinking activities related to clinical simulations.

**NUR 4190: Health Promotion in Rural Appalachia (3) (RN-BSN students only)** Prerequisite: Admission to RN-BSN program

Examines the patterns and health care of the people of rural Appalachia for the purpose of adapting knowledge and health care models to their rural life-style and needs. Special attention

is focused on assessment and planning to enhance patient self-care and on evaluation of interventions to improve and/or maintain health.

**NUR 4210: Genomics in Nursing Practice (3) (RN-BSN students only)** Prerequisite: admission to RN-BSN program

This course will explore essential genomic competencies for professional nurses to improve clients' health and increase their longevity. Health and wellness in context of human diversity for individuals and families is emphasized. Implications for best practices associated with genomic information including ethics and counseling are highlighted.

**NUR 4300: Advanced Concepts in Clinical Nursing (3)** Prerequisites: All junior level nursing courses Corequisites: NUR 4030, NUR 4310, NUR 4400, NUR 4410, and NUR 4710

Development of clinical decision-making skills related to adults and children with selected acute and complex illnesses.

**NUR 4310: Advanced Concepts in Nursing Clinical Laboratory (3)** Prerequisites: All junior level nursing courses Corequisites: NUR 4030, NUR 4300, NUR 4400, NUR 4410, and NUR 4710

This course is the clinical component of NUR 4300: Advanced Concepts in Nursing, and consists of 126 hours of clinical experience.

**NUR 4400: Nursing Care of Childrearing Families (3)** Prerequisites: All junior level nursing courses Corequisites: NUR 4030, NUR 4300, NUR 4310, NUR 4410, and NUR 4710

This course includes the study of nursing care as it relates to families experiencing stressors associated with family planning, pregnancy, childbirth, caring for the newborn, infants, children, and adolescents. The content of the course also focuses on specific physiologic changes and pathophysiological disorders of childbearing and childrearing families experiencing the stressors accompanying the illness of one of its members, with biological, psychosocial, social, cultural, and spiritual dimensions. The course emphasizes using the nursing process in applying knowledge from the nursing and other disciplines as a basis for assisting persons in meeting their needs and promoting wellness.

**NUR 4410: Nursing Care of Childrearing Families Clinical Laboratory (3)** Corequisites: NUR 4030, NUR 4300, NUR 4310, NUR 4400, and NUR 4710

This course is the clinical component of NUR 4400, Nursing Care of Childrearing Families, and consists of 126 hours of clinical experience. This clinical will give students experience in family planning, prenatal, labor and delivery, and post-natal care. Experience in the care of the pediatric client will also be a focus.

**NUR 4600: Community Health Nursing (3)** Prerequisites: Pre-licensure: All first semester senior nursing courses; RN-BSN: admission to the nursing major, MTH 1010, MTH 1180 Corequisites: Pre-licensure: NUR 4610; RN to BSN: NUR 4650

Development of clinical decision-making skills related to health and chronic illness of individuals and families in rural communities.

**NUR 4610: Community Health Clinical Laboratory (2)** Prerequisites: All first semester junior nursing courses Corequisites: NUR 4600, NUR 4800, NUR 4810, NUR 4930, and NUR 4940



This course is the clinical component of NUR 4600: Community Health Nursing, and consists of 84 hours of clinical experience.

**NUR 4650: Community Health Nursing Clinical Practicum (2) (RN to BSN students only)**

Prerequisites: Admission to the nursing major, MTH 1010, MTH 1180 Corequisite: NUR 4600

This course is the clinical component of NUR 4600: Community Health Nursing, designed specifically for the RN to BSN student.

**NUR 4651: Practicum in Rural Community Health Agencies (1) (RN to BSN students only)**

Corequisite: NUR 4653

Case management and clinical decision making in nursing of individuals and families in rural communities. Elective.

**NUR 4652: Home Health Care Nursing (3) (RN to BSN students only)** Prerequisite: NUR 3130, 3150, or permission of instructor

Clinical decision making and case management based on principles of home health nursing practice. Application of clinical skills, family and community concepts with emphasis on clinical reasoning and decision making. Elective.

**NUR 4653: Practicum in Rural Community Health Agencies Lab (2) (RN to BSN students only)** Corequisite: NUR 4651

This course is the clinical component of NUR 4651: Practicum in Rural Community Health Agencies, designed specifically for the RN to BSN student.

**NUR 4654: Rural and Public Health (3) (RN-BSN students only)** Prerequisite: Admission to RN-BSN program

This course emphasizes public health and community nursing concepts essential for professional nursing practice. Focus is on the concepts of community health nursing practice, epidemiology and disease transmission, comprehensive assessment of risk factors and health problems, program planning and intervention, environmental health, and collaboration with the interdisciplinary team. A major emphasis is placed on public health in rural communities.

**NUR 4710: Evidence Based Nursing Practice (3)** Prerequisite: (Pre-licensure) All junior level nursing courses; (RN to BSN) Admission to the nursing major Corequisites: NUR 4030, NUR 4300, NUR 4310, NUR 4400, and NUR 4410

This course is designed to explore the theory and methods of evidence-based practice with emphasis on its role in providing quality patient-centered care. It will provide an overview of research methodologies and processes, critical review of research, and the asking and answering of clinical nursing questions through the synthesis of current literature and analysis of clinical practice guidelines.

**NUR 4800: Healthcare Leadership and Management (3)** Prerequisite: All first semester senior nursing courses Corequisite: NUR 4600, NUR 4610, NUR 4810, NUR 4930, and NUR 4940

This course will assist students with analysis of selected economic, ethical, legal, political, professional and social issues influencing nursing and health care delivery. Students will be introduced to leadership and management principles and their application to nursing practice.

**NUR 4810: Healthcare Leadership and Management Clinical (1)** Prerequisites: All first semester senior nursing courses Corequisites: NUR 4600, NUR 4610, NUR 4800, NUR 4930, and NUR 4940

This course is the clinical component of NUR 4800: Health Care Leadership and Management, and consists of 42 hours of clinical experience.

**NUR 4820: Patient Teaching (3)** Introduction to teaching theories and strategies and application of teaching principles to nursing and health care. Elective.

**NUR 4870: Leadership/Management II (3) (RN-BSN students only)** Prerequisite: Admission to RN-BSN program

Building on Management and Leadership I, this course presents concepts related to managing and leading in the changing healthcare environment. Interdisciplinary team building in a culturally diverse environment, delegation, conflict management, organizational structures and leading planned change in a variety of health care settings will be presented.

**NUR 4920: Transition to Professional Practice (3) (RN-BSN students only)** Prerequisite: Admission to RN-BSN program

A capstone course which requires students to integrate principles of patient centered care, interdisciplinary teams, evidence-based practice, quality improvement, informatics, and patient safety through discussion, personal reflection, and development of a professional portfolio.

**NUR 4930: Synthesis of Professional Nursing Practice (3)** Prerequisites: All lower division nursing courses and Liberal Arts Core requirements; must be enrolled in last semester of nursing education. Corequisites: NUR 4600, NUR 4610, NUR 4800, NUR 4810, and NUR 4940

This course is designed to enhance transition to professional nursing positions. A major focus is on strengthening critical-thinking skills in the application of nursing knowledge. Students will have the opportunity to assess and analyze their ability to synthesize concepts of nursing care and apply those concepts in clinical, simulated and standardized examinations.

**NUR 4940: Synthesis of Professional Nursing Practice Clinical Laboratory (2)** Prerequisite: All junior and first semester senior level courses. Corequisites: NUR 4600, NUR 4610, NUR 4800, NUR 4810, and NUR 4930

This is the clinical component to NUR 4930: Synthesis of Professional Nursing Practice. Students will complete 84 clinical hours with a preceptor.

**NUR 4950: Special Topics (1-3)**

Topical courses related to health, illness, wellness and nursing. Designed by faculty with student input. Some courses may be open to non-majors.

**NUR 4970: Independent Study (1-3)**

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## DEPARTMENT OF SOCIAL SCIENCES

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**Degree:** Bachelor of Arts in Social Sciences and Bachelor of Science in Social Sciences

**Majors:** Administration of Justice, Government, Psychology, and Sociology

**Chair:** Kristina Feeser

**Faculty:** Robert Arrowood, Heather Evans, Kristina Feeser, Ronald Florida, Christa Moore, Eric Drummond Smith, Alexandria Reynolds, Yenli Yeh

Students may complete a Bachelor of Science degree in administration of justice, psychology, and sociology, or a Bachelor of Arts degree in government. The department also offers courses supporting the Liberal Arts Core component of the College.

For all majors in the department, a grade point average of **2.0 or higher** is required for all core requirements.

Minors are available in administration of justice, government, pre-law, psychology, and sociology. In designing a course of study for a minor, students are required to consult faculty members in the chosen discipline.

### BACHELOR OF SCIENCE IN SOCIAL SCIENCE ADMINISTRATION OF JUSTICE MAJOR

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The administration of justice major is an interdisciplinary program designed to provide students with an education in the liberal arts and sciences, with the ultimate goal of preparing students to be full participants in a democratic society and the world at large. The administration of justice major is also designed to prepare students for lifelong learning, professional careers in the public and private sectors of the field of administration of justice (civil justice system, criminal justice system, law enforcement, prisons, probation, parole, counseling, police analysis, law and courts), and graduate study by fostering development of the ideas, insights, values, competencies, and behavior of liberally educated persons in the heritage of Thomas Jefferson. The content of the major focuses on social forces that contribute to social order, social conflict and social change. Issues involving race, gender, ethics and multiculturalism are emphasized throughout the major.

The major consists of 42 credit hours, including courses in administration of justice (juvenile delinquency, etc.), political science (public administration, etc.), sociology (race and ethnicity, etc.), and psychology (abnormal psychology, etc.). A related area of study in the disciplines of political science, sociology, or psychology is strongly recommended for those students who want to emphasize a particular area of the justice system.

The major in administration of justice consists of a total of 42 credits, including 24 credits of required core courses and 18 credits of elective courses. Course requirements are listed below.

<b>ADMINISTRATION OF JUSTICE MAJOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b><i>Required Core Curriculum</i></b>		
AJU 1100	Introduction to Criminal Justice	3
AJU 3015*	Integrated Statistics and Methodology for the Social Sciences	3
AJU 3500	Criminology	3
AJU 4990	Senior Seminar in Administration of Justice	3
CSC 1100	Computer Literacy	3
PSY 3060	Cultural Diversity	3
PSY 4010 OR PSY 4020	Abnormal Psychology OR Personality	3
SOC 3600	Sociology of Race and Ethnicity	3
AJU 3XXX/4XXX	<b><i>18 Hours of Upper Division AJU Courses</i></b>	18
<b>TOTAL</b>		<b>42</b>

\*Students who plan to attend graduate school are encouraged to take the two-course sequence AJU 3025 and AJU 3030 in place of AJU 3015. With the two-course sequence, AJU 3030 will count as an upper level elective. Before making a decision students should consult with an advisor in the Department of Social Sciences.

## ***MINOR IN ADMINISTRATION OF JUSTICE***

A minor in Administration of Justice consists of AJU 1100 and AJU 3500 plus 12 hours of upper division courses in AJU.

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
AJU 1100	Introduction to Criminal Justice	3
AJU 3500	Criminology	3
AJU 3XXX/4XXX	Upper Division Course in AJU	3
AJU 3XXX/4XXX	Upper Division Course in AJU	3
AJU 3XXX/4XXX	Upper Division Course in AJU	3
AJU 3XXX/4XXX	Upper Division Course in AJU	3
<b>TOTAL</b>		<b>18</b>

## BACHELOR OF SCIENCE IN SOCIAL SCIENCE

### PSYCHOLOGY MAJOR

The psychology major emphasizes skills that are useful for the student interested in careers where knowledge of human behavior and mental processes are important. However, these skills are especially useful for students who are interested in pursuing graduate studies in psychology and related fields, or careers in mental health services. Students are encouraged to complete a minor in a discipline approved by their advisor and faculty from the chosen discipline. Course requirements are listed below.

<b>PSYCHOLOGY MAJOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>Required Core Curriculum</b>		
PSY 1100	Introduction to Psychology	3
PSY 3015*	Integrated Statistics and Methodology for the Social Sciences	3
PSY 3060	Cultural Diversity	3
PSY 3300	Biopsychology	3
PSY 4720 OR PSY 4740 OR PSY 4780	Child Development OR Adolescent Development OR Life Span Development	3
PSY 3080 OR PSY 4070	Psychology of Learning OR Cognitive Psychology	3
PSY 4010 OR PSY 4020	Abnormal Psychology OR Personality	3
PSY 4990	Senior Seminar	3
PSY 3XXX/4XXX	<b>27 Hours of Upper Division PSY Courses (PSY 3600 may NOT be used to satisfy upper level course requirements)</b>	27
<b>TOTAL</b>		<b>51</b>

\*Students who plan to attend graduate school are encouraged to take the two-course sequence PSY 3025 and PSY 3030 in place of PSY 3015. With the two-course sequence, PSY 3030 will count as an upper level elective. Before making a decision students should consult with an advisor in the Department of Social Sciences.

### GRADUATE SCHOOL

\*Suggested course electives for students interested in research or graduate study in psychology should take the following electives:

PSY 3080: Psychology of Learning (3)

PSY 3310: Social Psychology (3)

PSY 3500: History and Contemporary Issues in Psychology (3)

PSY 4070: Cognitive Psychology (3)

PSY 4150: Sensation and Perception (3)

PSY 4970: Independent Research (3)

## **COUNSELING**

\*Suggested course electives for students interested in counseling, related fields in mental health, or graduate study in counseling or social work should take the following electives:

PSY 3100: Family Processes (3)

PSY 3350: Psychology of Human Motivation (3)

PSY 4010: Abnormal Psychology (3)

PSY 4020: Personality (3)

PSY 4770: Theories of Psychotherapy (3)

PSY 4800: Counseling Techniques (3)

PSY 4850: Internship in Psychology (3)

## **MINOR IN PSYCHOLOGY**

A minor in Psychology consists of PSY 1100, PSY 3015, PSY 3300, PSY 4070 OR PSY 3080, PSY 4010 OR PSY 4020 and PSY 4720 OR PSY 4740 for a total of 18 hours. Students may select from any other Psychology electives also.

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
PSY 1100	Introduction to Psychology	3
PSY 3015	Integrated Stats	3
PSY 3300 OR PSY 3060	Biopsychology Cultural Diversity	3
PSY 4720 OR PSY 4740 OR PSY 4780	Child Development OR Adolescent Development OR Life Span Development	3
PSY 3080 OR PSY 4070	Psychology of Learning OR Cognitive Psychology	3
PSY 4010 OR PSY 4020	Abnormal Psychology (PSY 3060 – above – is a prerequisite) OR Personality	3
<b>TOTAL</b>		<b>18</b>

## BACHELOR OF SCIENCE IN SOCIAL SCIENCE

### SOCIOLOGY MAJOR

Sociology is a science based on observation, generalization and interpretation of human social behavior, groups, societies and socially constructed organizations, institutions and cultures. This program is especially helpful for the student seeking a liberal arts degree and planning additional work in education, social work, guidance, counseling, business, or government, as well as those planning for graduate-level education in a social science, law, education, or business. Majoring in sociology prepares students for effective study and research in graduate programs, professional degree programs, and certification programs such as social work, human resources management, organizational management, labor organizing, law, counseling, clinical sociology, corrections, law enforcement, law administration, governmental social policy analysis, census work, and demographics. Bachelor-level practice is also available in many of these same occupations.

The Sociology major consists of 42 total credits. Of those 42 credits, 27 are required course work and 15 are elective course work. The required courses include introductory level courses designed to give both sociology majors and non-sociology majors a broad background in the field. Other required courses include a computer course, a statistics course, and a research methods course. The student majoring in sociology must choose to take two courses from a list of four courses which span the four major areas of sociology: gender, organizations, criminology, and race. Finally, the student must complete a course in theory and the capstone course. Course requirements are listed below.

<b>SOCIOLOGY MAJOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>HOURS</b>
<b>Required Courses</b>		
CSC 1100	Computer Literacy	3
SOC 1100	Introduction to Sociology	3
SOC 1200	Social Problems	3
SOC 3015#	Integrated Statistics and Methodology for the Social Sciences	3
SOC 3350	Social Stratification	3
SOC 4990*	The Project of Sociology	3
<b>Choose two courses from the list below:</b>		
SOC XXXX SOC XXXX	SOC 3300 Sociology of Gender (3) SOC 3400 Complex Organizations (3) SOC 3500 Criminology (3) SOC 3600 Sociology of Race and Ethnicity (3)	6
<b>Choose one courses from the list below:</b>		
SOC XXXX	*SOC 4100 Classical Sociological Theory (3) *SOC 4200 Modern Sociological Theory (3)	3
SOC 3XXX/4XXX	<b>15 Hours of Upper Division Courses Approved By Advisor</b>	15
<b>TOTAL</b>		<b>42</b>

#Students who plan to attend graduate school are encouraged to take the two-course sequence SOC 3025 and SOC 3030 in place of SOC 3015. With the two-course sequence, SOC 3030 will count as an upper level elective. Before making a decision students should consult with an advisor in the Department of Social Sciences.

\*To successfully complete the Sociology major the student must first complete SOC 3015: Integrated Statistics and Methodology for the Social Sciences (or the two substitute courses SOC 3025: Research Statistics and SOC 3030: Research Methods). Second, the student must complete SOC 4100: Classical Sociological Theory or SOC 4200: Modern Sociological Theory. Third, the student must complete SOC 4990: The Project of Sociology (senior seminar). These courses must be taken in this order and it is expected that students can complete these three (or four) courses in their Junior and Senior years. If the student wishes to graduate early, then this sequence must begin in the sophomore year.

## **MINOR IN SOCIOLOGY**

A minor includes at least 18 credit hours in sociology, 15 of which must be in courses at the 3000 level or above. A course applied to requirements for a major may not be applied to requirements for the minor.

## **BACHELOR OF ARTS IN SOCIAL SCIENCE**

### **GOVERNMENT MAJOR**

#### **Concentration in FOREIGN AFFAIRS**

<b>GOVERNMENT MAJOR Foreign Affairs Concentration</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>Government Core</b>		
POL 1010	American National Politics and Political Institutions	3
POL 1030	Western Heritage of Politics I	3
POL 1040	Western Heritage of Politics II	3
<b>Foreign Affairs Core</b>		
POL 4810	International Relations	3
POL 4820	American Foreign Policy	3
<b>Comparative Politics Core</b>		
<b>Nine hours selected from upper-level courses in the following:</b>		



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POL XXXX	POL 3050 Northern European Government and Politics (3) POL 3060 Southern European Government and Politics (3) POL 3070 Politics of East Asia (3) POL 3080 Politics of the Middle East (3) POL 3090 Politics of Latin American (3)	9
<b>Twelve hours selected from upper-level courses in the following areas:</b>		
Comparative Government	POL 3050 Northern European Government and Politics (3) POL 3060 Southern European Government and Politics (3) POL 3070 Politics of East Asia (3) POL 3080 Politics of the Middle East (3) POL 3090 Politics of Latin American (3) <b><i>The same course(s) cannot be used to fulfill these requirements as the above requirement.</i></b>	12
Political Theory	POL 4010 History of Political Thought I (3) POL 4020 History of Political Thought II (3) POL 4040 American Political Theory (3) POL 4060 Contemporary Political Theory (3)	
Administration of Justice	AJU 3030 Research Methods	
Economics	ECO 3120, 3250, 4100, 4160, FIN 4200	
Foreign Studies	FST 4900 (Study Abroad)	
History	HIS 3120/4120, 3610/4610, 3230/4230, 3260/4260, 3270/4270, 3300/4300, 3410/4410, 3420/4420, 3430/4430, 3450/4450, 3460/4460, 3520/4520, 3600/4600, 3640/4640, 3690/4690, 3770/4770)	
Religion	REL 3000, 3010	
Sociology	SOC 3025, 3030, 3300, 3400, 3450, 3600, 4100, 4200	
OTHER	Seminars in POL, AJU, ANT, ECO, GEO, HIS or SOC as approved by advisors.	
Foreign Language	A second year of one foreign language is required as approved by advisor. Language requirements may be taken either at UVA Wise or at another institution with advisor approval.	6
<b>TOTAL</b>		<b>42</b>

**BACHELOR OF ARTS IN SOCIAL SCIENCE  
GOVERNMENT MAJOR**

**Concentration in Political Science**

<b>GOVERNMENT MAJOR Political Science Concentration</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>Government Core</b>		
POL 1010	American National Politics and Political Institutions	3
POL 1030	Western Heritage of Politics I	3
POL 1040	Western Heritage of Politics II	3
<b>21 Hours selected from upper level courses in the following areas:</b>		
American Government	POL 3220 American Parties, Pressure Groups and Elections (3) POL 3510 Judicial Process (3) POL 3610 The American Presidency (3) POL 3810 Legislative Behavior and Processes (3) POL 4500 Religion and Politics in America (3) POL 4720 Constitutional Law (3) POL 4730 Civil Liberties and Civil Rights (3)	21
Political Theory	POL 4010 History of Political Thought I (3) POL 4020 History of Political Thought II (3) POL 4040 American Political Theory (3) POL 4060 Contemporary Political Theory (3) POL 4500 Religion and Politics in America (3)	
International Relations	POL 3050 Northern European Government and Politics (3) POL 3060 Southern European Government and Politics (3) POL 3070 Politics of East Asia (3) POL 3080 Politics of the Middle East (3) POL 3090 Politics of Latin American (3) POL 4810 International Relations (3) POL 4820 American Foreign Policy (3)	
<b>Six additional hours upper division work in POL, ECO or HIS as approved by advisor.</b>		
POL XXXX ECO XXXX OR HIS XXXX	Two more classes in Political Science, Economics or History	6
<b>TOTAL</b>		<b>36</b>

## MINOR IN GOVERNMENT

COURSE CODE	TITLE	CREDIT HOURS
POL 1010	American National Politics and Political Institutions	3
POL 4010	History of Political Thought I	3
POL 4020	History of Political Thought II	3
POL 4810	International Relations	3
POL 3XXX	Upper-Level American Politics	3
POL 3XXX	Upper-Level Comparative Politics Course	3
ELECTIVE	Upper-Level Elective Course	3
<b>TOTAL</b>		<b>21</b>

## UVA WISE/APPALCHIAN SCHOOL OF LAW ACCELERATED 3+3 DUAL DEGREE PROGRAM For Declared Government Majors

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**Faculty Contact:** Heather Evans

Students who are interested in attending the Appalachian School of Law (ASL) will have an opportunity to earn their Bachelor's degree from UVA Wise and a Juris Doctor from ASL in only six years. Interested students should contact the appropriate faculty upon declaring their major at UVA Wise. Application to the Appalachian School of Law must be received by January 1 of the calendar year in which the student desires to enroll in the law school.

### PROGRAM ELIGIBILITY

To be eligible to participate in the dual degree agreement (DDA), students must:

9. A student must complete 90 hours to transfer to ASL. As part of those hours, a student must complete all of their general education Liberal Arts Core requirements and at least 30 hours of Government credits, as outlined in #2.
10. Students must complete their major core competencies. This includes:
  - F. POL 1010 (Introduction to American Politics); POL 1030 (Western Heritage of Politics I);
  - G. POL 1040 (Western Heritage of Politics II);
  - H. at least one upper-level class listed as a course in American government NOT to be transferred from ASL;
  - I. at least one upper-level class listed as a course in Political Theory;
  - J. at least one upper-level class listed as a course in International Relations,
  - K. an additional 12 hours of upper-level courses in Government & Foreign Affairs at UVA Wise.

This means a total of 30 hours must be completed in the major to transfer to ASL.

11. Obtain permission from the appropriate faculty within the Department of Social Sciences to pursue accelerated study (after completing the application process).
12. Maintain a minimum cumulative undergraduate grade point average of 3.5 in the major and an overall cumulative GPA of 3.00 as calculated by the Law School Admission Council. This GPA must be achieved at the time of application to the DDA program and maintained throughout enrollment at the Institution.
13. Obtain an LSAT score equal to or exceeding 153. (If LSAC changes the scoring scale for the LSAT, this minimum LSAT score will be revised accordingly.)
14. Acceptance is considered provisional until the student submits a 3+3 Schedule Plan Form, obtained and approved by their academic advisor.
15. GPA will be confirmed at the end of each semester. Students whose GPA falls below 3.5 in the major and/or 3.0 overall will have one semester to return to the minimum GPA. Failure to do so will trigger forced withdrawal from the program. If this occurs in the final semester prior to matriculation at ASL, this will trigger forced withdrawal from the program.

### **ASL ADMISSION PROCESS**

5. Complete and submit a DDA Participation Form in the freshman or sophomore years of undergraduate study (or equivalent) to the Office of Admission, Appalachian School of Law, 1169 Edgewater Drive, Grundy, Virginia 24614.
6. Take the LSAT no later than December of the "junior" undergraduate year, and obtain a score equal to or exceeding 153.
7. Submit the completed ASL JD application through the Law School Admission Council by January 1 of the "junior" academic year. This application includes a personal statement, a resume, recommendations, transcripts, and any other requested materials.
8. Complete an interview with the admission staff of ASL.

Students shall be notified by phone and in writing of admission to ASL. UVA Wise will also be notified in writing of the student's admission to the law school. Students shall receive the bachelor's degree from UVA Wise immediately upon successful completion of the first year courses of ASL for the DDA program in accordance with UVA Wise's normal graduation procedures. Students need to submit an official ASL transcript to the Office of the Registrar, UVA Wise, 1 College Ave., Wise, VA 24293. DDA program begin date is fall of 2020.

### **HOW TO BEGIN THE PROCESS**

4. At the beginning of their sophomore year at UVA Wise, interested students can log on to the student portal ([my.uvawise.edu](http://my.uvawise.edu)). Click on the Students tab at the top of the page. Choose Electronic Student Forms from the navigation pane on the left. Complete the formal application and submit.
5. Once submitted, you will receive an email notification that your request is being reviewed.

6. After review is complete, you will be contacted by the appropriate department representative.

**NOTE FOR NEW TRANSFER STUDENTS:** This program was designed for students who would be completing the majority of their coursework at UVA Wise. Interested students will be required to earn a minimum of 45 hours at UVA Wise. We welcome all interested students.

## ***MINOR IN PRE-LAW***

The pre-law minor is intended to provide its students with a background in the core skills and knowledge essential to acceptance to and success in law school.

**Coordinator:** Eric Drummond Smith

<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
PHI 1030	Logic I	3
POL 1010	American National Politics and Political Institutions	3
POL 3510	Judicial Process	3
BUS 3150	Commercial Law I	3
BUS 3160	Commercial Law II	3
POL 4720	Constitutional Law	3
POL 4730	Civil Liberties and Civil Rights	3
<b>TOTAL</b>		<b>21</b>

## ***LICENSURE TO TEACH***

All majors in government seeking a license to teach with an endorsement in history and social science must complete 18 credit hours in history, six credit hours in geography, and six credit hours in economics, in addition to the political science courses. For professional studies requirements for secondary grades 6-12 and additional information relative to the Teacher Education Program, contact the Director of Teacher Education.

## **COURSES IN ADMINISTRATION OF JUSTICE**

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### **AJU 1100: Introduction to Criminal Justice (3)**

An analysis of the criminal justice system with specific emphasis placed upon the history of justice and fair play, ethics, and concepts, philosophy and functions of the criminal justice system, law enforcement, the courts, adult and juvenile corrections.

### **AJU 3010: Ethics and Law (3)**

An introduction to concepts of ethics and an examination of contemporary ethical issues in the field of criminal justice.

**AJU 3015: Integrated Statistics and Methodology for the Social Sciences (3)** Prerequisite: AJU 1100 or permission of instructor

This course will introduce the student to basic research methodology and statistics as applied to social sciences and will cover the basic theory, methods and ethics of experimental and non-experimental research in the social and behavioral sciences. The use of statistical analysis will be correlated with the research problem, hypotheses, and the method of research used to collect data. At the completion of the course, the student should possess an elementary working knowledge of various methods of research and the associated statistics. (Dual listing with PSY 3015 and SOC 3015.)

**AJU 3025: Research Statistics (3)** Prerequisite: CSC 1100

Application of elementary statistical methods to psychological and sociological data. Lecture and laboratory course in techniques of descriptive and inferential statistics and research design. (Dual listing with PSY 3025 and SOC 3025.)

**AJU 3030: Research Methods (3)** Prerequisite: AJU 3025

An examination of research methods used by sociologists, political scientists, and psychologists, including surveys, participant-observation, and experiments. (Dual listing with PSY 3030 and SOC 3030.)

**AJU 3280: Introduction to Cyber Security (3)**

This course covers the foundation of risks and damages associated with digital fraud and cyber crimes including internet crime, cyberstalking, electronic crime and identity theft. It also covers the fundamentals of cybersecurity, cyber-attacks, software vulnerabilities and exploitation, malware, intrusion detection systems, firewalls, and password security, cyber-ethics, security policies, threat detection, risk management, security assessments, incident response, and open systems interconnection model and TCP/IP. (Cross-listed with CSC and BUS.)

**AJU 3400: Complex Organizations (3)** Prerequisite: SOC 1100 or permission of instructor

This course provides a general look at complex organizations, their impacts and trends. The course focuses on the themes of organizational life and life within organizations in the context of our larger social life, social institutions, and other post-modern dynamics. (Dual listing with SOC 3400.)

**AJU 3450: Corrections (3)**

An exploration of the theory and practice of deterrence, incapacitation, retribution, and rehabilitation within modern criminal justice systems. These aspects of the corrections system are examined as an extension of the criminal justice system as well as an extension of the social, political, and economic system in which they are established.

**AJU 3500: Criminology (3)** Prerequisite: SOC 1100 or permission of instructor

An overview of crime and the criminal justice system. Emphasis is placed on major theories and research findings, the criminal justice system, criminology as a practical field, criminology as an academic discipline, and adult crime. (Dual listing with SOC 3500.)

**AJU 3510: Judicial Process (3)** Prerequisite: AJU 1100 or POL 1010 or permission of instructor

An examination of the administration of justice in American courts, emphasizing the nature and function of law, court organization, participants in the system, trial processes, juries, appellate processes, and the impact of court rulings. (Dual listing with POL 3510.)

**AJU 3650: Deviance and Social Control (3)**

A systematic examination of the various types of social disorganization with special emphasis on collective forms of norm violation. (Dual listing with SOC 3650.)

**AJU 3740: Juvenile Delinquency (3)**

A survey of the causes of crime and delinquency, of adolescent behavior, adult crimes, prisons, probation, parole, and crime prevention programs. (Dual listing with SOC 3740.)

**AJU 3850: Organized and White Collar Crime (3)**

An exploration of juvenile gangs, criminal organizations, organized conventional crime (e.g., professional theft, drug smuggling and dealing, violent crime, prostitution, etc.), and crime as practiced by the upper strata of society.

**AJU 3940/4940: Internship in Administration of Justice (1-3)** Prerequisite: Permission of instructor

Students shall be placed with entities in the criminal justice system for first-hand experience in the administration of justice environment. Students will meet on a periodic basis with an instructor and a paper analyzing the internship experience shall be submitted at the end of the semester. This course shall be offered to students on an individual basis with the prior approval of the instructor.

**AJU 3950/4950: Selected Topics in Administration of Justice (1-3)** Prerequisite: AJU 1100 or permission of instructor

An examination of major topics or issues in the administration of justice. A maximum of 3 credits when the content differs.

**AJU 3970: Forensic Interviewing (3)** Prerequisite: AJU 1100

This course will focus on interviewing research, strategies, and techniques in the criminal justice and forensic setting. Specific topics will include types of questioning, rapport building techniques, interview settings, interviewing juveniles and people with mental illness, as well as debates surrounding deception detection.

**AJU 3971: Forensic Evidence (3)** Prerequisite: AJU 1100

This course examines the role of evidence in the criminal justice system. Potential topics include: types of evidence (physical vs circumstantial), witnesses, hearsay, searches and seizures, and the exclusionary rule.

**AJU 3972: Forensic Victimology (3)** Prerequisite: AJU 1100

This course emphasizes the role of victim in the criminal justice and in the forensic setting. In particular, this course will focus on victim behavior as well as victim lifestyle, police responses to victims, as well as medical, legal, and social welfare considerations to victims and their families.

**AJU 3980: Criminal Profiling (3)** Prerequisite: AJU 1100

This course will provide an in-depth examination into the field of criminal profiling and behavioral evidence analysis. This class will introduce students to the educational requirements, practices, techniques, validity, and myths surrounding criminal profiling.

**AJU 3981: Criminal Investigation (3)** Prerequisite: AJU 1100

This course will provide students with an introduction into criminal investigation practices and procedures. Topics to be covered include: documenting evidence, writing investigative reports, searches, forensics and physical evidence, obtaining information, arresting suspects, and specific criminal investigations such as assault, sex offenses, child crimes, and death investigations.

**AJU 3982: Criminal Psychology (3)** Prerequisite: AJU 1100

This course will introduce students to the field of evolutionary psychology and sociobiology with a specific emphasis placed on criminal behavior. Students will learn about a variety of criminal and non-criminal behavior using Darwin's theory of evolution, natural selection, and sociobiology as a theoretical foundation. Students will learn about topics such as: the differences between males and females, intimate partner violence, murder and homicide, child abuse, prostitution, and other related crimes.

**AJU 4700: Criminal Law and Procedure (3)** Prerequisite: AJU 1100 or AJU 3510 or permission of instructor

Integrated overview of the elements of substantive criminal law and the fundamental concepts of due process and fairness underlying American criminal procedure.

**AJU 4720: Constitutional Law (3)** Prerequisite: POL 1010 or AJU 1100 or permission of instructor

An examination of the foundational document of the American government and the historical development of the U.S. Constitution through interpretive Supreme Court rulings. (Dual listing with POL 4720.)

**AJU 4730: Civil Liberties and Civil Rights (3)** Prerequisite: POL 1010 or AJU 1100 or permission of instructor

An examination of the Bill of Rights of the U.S. Constitution and civil rights legislation as applied in the criminal justice system at the federal and state levels of government through interpretive Supreme Court rulings. (Dual listing with POL 4730.)

**AJU 4970: Independent Study in Administration of Justice (1-3)** Prerequisite: AJU 1100 or permission of instructor

Individual, instructor-supervised study or research into selected topics in the administration of justice.

**AJU 4990: Senior Seminar in Administration of Justice (3)** Prerequisite: AJU/PSY/SOC 3030 and Permission of instructor

An integrated analysis and critical examination of all the subfields of the administration of justice, including criminology, adult offenders, juvenile offenders, law enforcement, court administration, prison administration, parole and probation administration, and the role of



ethics and justice within the justice arena. This seminar shall test the writing, speaking and computer skills of senior-level students. Students shall use a computer for preparing a research project and for preparing a final paper reporting their research findings. Students shall make in-class presentations, including a presentation regarding their research project. This course is required for all administration of justice majors and shall be taken during the student's senior year.

## **COURSES IN ANTHROPOLOGY**

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### **ANT 1010: Human Evolution and Prehistory (3)**

The origin and evolution of man based upon the fossil record, the status of modern racial groupings, and the history of human society from the earliest times to the rise of civilization in the old and new worlds.

### **ANT 1020: Introduction to Cultural Anthropology (3)**

This survey course in cultural anthropology introduces students to the basic concepts and fields of cultural anthropology. It examines the field of anthropology in terms of cultures of the world and includes descriptions of cultures that range from the very simple to those that are more complex in nature. Students explore the relationship between biology and cultural diversity, adaptation and cultural evolution.

### **ANT 1520: Social Anthropology (3)** Prerequisite: ANT 1020

This course focuses on the comparative analysis of cultures of the world. It examines the major theories, concerns and approaches to understanding social organization in terms of cultures, including primitive, folk and urban similarities and differences. It also explores issues related to culture and age, race, and gender and social development.

### **ANT 4950, 4960: Special Studies in Anthropology (3, 3)**

A seminar in selected topics in anthropology responding to special interests of faculty and students.

**ANT 4970: Individual Research in Anthropology (1-3)** Prerequisite: Permission of instructor  
Individual, instructor-supervised research into selected topics in anthropology.

## **COURSES IN POLITICAL SCIENCE**

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### **POL 1010: American National Politics and Political Institutions (3)**

A survey of American political life, with an emphasis on the U.S. Constitution, political parties and elections, voting behavior, the Presidency, Congress, U.S. Supreme Court, and current national problems.

**POL 1030: Western Heritage of Politics I (3)**

A course satisfying the Liberal Arts Core Western Heritage requirement, covering the periods of the Judeo-Christian tradition; Greek and Roman antiquity; Medieval Europe and the Reformation, emphasizing the political dimensions of this heritage.

**POL 1040: Western Heritage of Politics II (3)**

A course satisfying the Liberal Arts Core Western Heritage requirement, covering the period of the Renaissance, modern and contemporary Western Civilization, emphasizing the political dimension of this heritage.

**POL 3050: Northern European Government and Politics (3)**

A comparative analysis of the political cultures, politics, and governmental framework of the countries of Northern Europe. Great Britain, Germany, and Sweden receive the greatest attention.

**POL 3060: Southern European Government and Politics (3)**

A comparative analysis of the political cultures, politics, and governmental framework of the countries of Southern Europe. France, Italy, and Spain receive the greatest attention.

**POL 3070: Politics of East Asia (3)**

A comparative analysis of the political behaviors, cultures, institutions and structures of the states of East Asia.

**POL 3080: Politics of the Middle East (3)**

A comparative analysis of the political behaviors, cultures, institutions and structures of the states of the Middle East.

**POL 3090: Politics of Latin America (3)**

A comparative analysis of the political behaviors, cultures, institutions and structures of the states of the Latin America.

**POL 3220: American Parties, Pressure Groups and Elections (3)**

An analysis of the behavior and organization of parties and pressure groups and the role of elections in the American political system.

**POL 3510: Judicial Process (3)** Prerequisite: AJU 1100 or POL 1010 or permission of instructor

An examination of the administration of justice in American courts, emphasizing the nature and function of law, court organization, participants in the system, trial processes, juries, appellate processes, and the impact of court rulings. (Dual listing with AJU 3510.)

**POL 3610: The American Presidency (3)**

A systematic examination of Presidential behavior, with a primary focus on the powers and limitations of presidents.

**POL 3810: Legislative Behavior and Processes (3)**

A systematic examination of legislative decision-making procedures and other types of behavior as legislatures function at the state and national levels of the U.S. political system.

**POL 3870, 3880: Cooperative Education Project I (1-6, 1-6)**

Students can obtain information from the Department Chair.

**POL 4010: History of Political Thought I (3)** Prerequisite: POL 1010

A historical survey of the major political theorists of the ancient and medieval periods (Socrates, Plato, Aristotle, Cicero, St. Augustine, St. Thomas Aquinas, etc.) with an emphasis on the thinkers' conceptions of human nature, politics and ethics. Theoretical notions of justice, virtue, equality, excellence and democracy are examined in light of the political theorists examined.

**POL 4020: History of Political Thought II (3)** Prerequisite: POL 4010

A historical survey of the major political philosophers of the modern period (Machiavelli, Hobbes, Locke, Rousseau, Mill, Marx, etc.) with an emphasis on their conceptions of human nature, political society and ethics. Theoretical notions of justice, power, freedom, rights, equality, and democracy are examined in light of these political thinkers.

**POL 4040: American Political Theory (3)**

A historical survey of the major political theorists in the American tradition emphasizing the development of fundamental political concepts such as democracy, equality, rights, freedom, etc.

**POL 4060: Contemporary Political Theory (3)**

An examination of the major political theories of the 20th century with references to their philosophical progenitors in classical, medieval, modern, and Marxian theory. Emphasis is placed on the thinkers' conceptions of human nature, society, and ethics. Theoretical ideals of justice, rights, freedom, obligation, equality and democracy are discussed in light of 20th century theorists examined.

**POL 4500: Religion and Politics in America (3)**

An examination of the relationship between religion and politics as presented by the major theologians in the Christian traditions, as well as contemporary representatives of Liberation Theology and the Christian Right. American documents on religious freedom, including United States Supreme Court rulings on the First Amendment along with contemporary American issues in religion and politics, conclude the course.

**POL 4720: Constitutional Law (3)** Prerequisite: POL 1010 or AJU 1100 or permission of instructor

An examination of the foundational document of the American government and the historical development of the U.S. Constitution through interpretive Supreme Court rulings. (Dual listing with AJU 4720.)

**POL 4730: Civil Liberties and Civil Rights (3)** Prerequisite: POL 1010 or AJU 1100 or permission of instructor

An examination of the Bill of Rights of the U.S. Constitution and civil rights legislation as applied in the criminal justice system at the federal and state levels of government through interpretive Supreme Court rulings. (Dual listing with AJU 4730.)

**POL 4810: International Relations (3)**

An analysis of inter-nation behavior with an emphasis on national goals and their sources, national political capabilities (power), diplomacy, war, and the foreign policies of major nations.

**POL 4820: American Foreign Policy (3)**

The analysis of the manner in which American foreign policy is created and executed. Attention also is paid to current U.S. objectives and the specific policies devised to reach these objectives.

**POL 4870, 4880: Cooperative Education Project II (1-6, 1-6)**

Students can obtain information from the Department Chair.

**POL 4950, 4960: Special Topics in Political Science (1-3, 1-3)**

**POL 4970: Individual Research (1-3)**

Individual, instructor-supervised research into selected topics in political science. By arrangement with instructor.

**POL 4980, 4990: Seminar in Political Science (3, 3)** Prerequisite: Permission of the instructor

A seminar dealing with selected political science problems.

## COURSES IN PSYCHOLOGY

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**PSY 1100: Introduction to Psychology (3)**

A survey of the psychological principles which underlie human behavior. Topics include sensation and perception, learning, motivation and emotion, personality, and social processes.

**PSY 3000: Psychology of Gender (3)** Prerequisite: PSY 1100

An exploration of the psychology of women and the psychology of men and the emergent qualities of both disciplines. Students are challenged to look at their own lives to examine the threads of stereotypical and non-stereotypical patterns as they explore the history, facets and dynamics of gender in psychology.

**PSY 3015: Integrated Statistics and Methodology for the Social Sciences (3)** Prerequisite: PSY 1100 or permission of instructor

This course will introduce the student to basic research methodology and statistics as applied to social sciences and will cover the basic theory, methods and ethics of experimental and non-experimental research in the social and behavioral sciences. The sequence PSY 3025 and PSY 3030 may be substituted for the core requirement of PSY 3015. Students who plan to go to graduate school are encouraged to take the two course sequence.

**PSY 3025: Research Statistics (3)**

Application of elementary statistical methods to psychological and sociological data. Lecture and laboratory course in techniques of descriptive and inferential statistics and research design. (Dual listing with AJU 3025 and SOC 3025.)

**PSY 3030: Research Methods (3)** Prerequisite: PSY 3025

An examination of research methods used by sociologists, political scientists, and psychologists, including surveys, participant-observation, and experiments. (Dual listing with AJU 3030 and SOC 3030.)

**PSY 3060: Cultural Diversity (3)** Prerequisite: PSY 1100

A study of how environmental and genetic factors contribute to individual differences. Ethnic differences in individual and group behavior will be examined. Attention is given to stereotyping, discrimination, and values in culture as well as fundamental similarities of common ethnic groups found in the United States.

**PSY 3080: Psychology of Learning (3)** Prerequisite: PSY 1100

An exploration of the psychological foundations of pedagogical principles and practices. Students will analyze, compare and contrast selected psychological theories of learning.

**PSY 3150: Counseling and Communication Skills (3)** Prerequisite: PSY 1100

This course is designed to provide students with knowledge of how people interact and respond to each other. It focuses on communicating more effectively and empathetically with difficult people. Practical applications and exercises are included to improve students' skills.

**PSY 3200: Behavioral Medicine/Health Psychology (3)** Prerequisite: PSY 1100

An examination of psychological influences on maintenance or neglect of health, how and why people become ill, and how people react when they become ill.

**PSY 3220: Human Sexuality (3)**

The course deals with psychological and physical functioning of human sexuality. The course will cover such topics as psychosocial sexual development, sexuality throughout the life span, contraception, sexual deviance, relationships, gender, sexual preferences and other topics related to human sexuality.

**PSY 3240: Psychology of Religion (3)**

The course deals with the psychological study of religious processes and phenomena in a wide diversity of religious tradition. The course covers an exploration of cults, religious experiences, religious motivation, and how religion may affect our health.

**PSY 3260: Family Processes (3)**

Family processes deals with the ways in which families are formed, function, and deal with the external environment. Each member's role within the family will be examined as well as how family interactions affect each member.

**PSY 3300: Biopsychology (3)** Prerequisite: PSY 1100

An introduction to the study of biological psychology. Emphasis is given to providing an overview of how neurological and other bodily processes produce and control behavior and how behavior influences neurological processes.

**PSY 3310: Social Psychology (3)** Prerequisite: PSY 1100

The relation between attitudes and behavior, the self-concept, group formation and maintenance, perception, and interpersonal interaction are among the topics examined. (Dual listing with SOC 3310.)

**PSY 3350: Psychology of Human Motivation (3)** Prerequisite: PSY 1100

An introduction to the biological, psychological, and social causes of human behavior with an emphasis on the application of motivational principles.

**PSY 3410: Psychological Testing (3)** Prerequisite: Upper-division status

A comprehensive study of the basic principles and techniques of evaluation. The construction and utilization of intelligence, aptitude, and achievement tests as they relate to planning and executing the instructional program in the classroom setting will be considered. The administration and interpretation of standardized tests, special tests, and teacher-made tests as they may be used with the individual for diagnostic purposes, and problems relative to test validity, reliability scaling procedures, norms, rating scales, and questionnaires.

**PSY 3500: Historical and Contemporary Issues in Psychology (3)** Prerequisite: PSY 1100

An overview of contemporary issues in psychology, the evolution of psychological thought and theory, and how psychology has impacted and been impacted by changing social, political, and cultural environments.

**PSY 3600: Human Growth and Development for Education Majors (3)**

A study of the development of the whole child: physical traits, learning and intelligence, social and emotional behavior, and personality adjustment. Emphasis on birth to adolescence. ***May not be used to satisfy psychology major or minor requirements.***

**PSY 3700: Interpersonal Relationships and Brain Development (3)** Prerequisites: PSY 1100

This course examines the role of interpersonal relationships in shaping the development of human brain, and how the molding of the brain affects back the interpersonal relationships and other social processes and behaviors. The recently developed field of social neurosciences, to which this topic belongs, deciphers how “nature and nurture” work together is shaping our brain and behavior. It is a confluence of neural and social processes that no other course on campus addresses, even if elements of it can be found spread in different other classes. The course will cover the following topics: Emergence of social neuroscience; Structure and functions of the ‘social brain’; Basic aspects of bridging the ‘social synapse’; Principles of social vision; Disorders of the ‘social brain’, and Social neural plasticity.

**PSY 3750: Psychology of Love (3)** Prerequisites: PSY 1100

This course examines a universal and significant human experience which, for better or for worse, can greatly impact not only our personal life, but the professional one, too. The course covers the following topics: evolution of love; biobehavioral model of love; duplex theory of love; illusion, disillusion, and reality in romantic love; intercultural couples; barriers to intimacy; sexual function and dysfunction; trauma’s influence on love and attachment; intimacy problems in addiction; infant and adult attachment; maternal love; transference love, and passionate love.

**PSY 3790: Characteristics of the Behaviorally Disordered (3)** Prerequisite: EDU 3690

The study of emotional handicaps and behavior disorders including their characteristics, etiology, and assessment criteria. The class will include preparation in behavior management, psychoeducational, and ecological strategies for instructing students with emotional and behavior disorders. The student will learn to apply a variety of techniques to design educational

plans for students with behavioral and emotional disabilities. This course has a required field experience of 15 observational hours in a public school setting.

**PSY 3800: Behavior Modification (3)** Prerequisites: PSY 1100

The principles and techniques of behavior modification enable us to understand better and change our own behavior, as well as the behavior of others. The course teaches students how conditioning and self-management techniques can be used to change behavior in real world settings; e.g. in home or institutions like schools, hospitals, prisons, or various work places. Specific techniques and principles, like positive and negative reinforcement, factors influencing, and premack principle are introduced for increasing desirable behaviors; e.g., working out regularly, or following a diet. Others, like extinction, differential reinforcement, response cost and time out are offered for decreasing undesirable behaviors; e.g., over eating, or bed wetting in children, while modeling, prompting, fading, successive approximations and shaping are useful in developing new behaviors. Finally, students are taught how targeted behaviors can be maintained and generalized.

**PSY 3850: Psychopharmacology (3)** Prerequisite: PSY 1100

This course provides students with a broad range of information on all classes of drugs, but specifically psychotropic drugs. History, neurocognitive, and mechanism of action for each class of drug will be discussed.

**PSY 3950, 3960: Special Topics in Psychology (1-3, 1-3)**

**PSY 3970/4970: Independent Research (1-3)** Prerequisites: PSY 3030

Individual, instructor-supervised research into selected topics in psychology.

**PSY 3975: Writing in Psychology (3)** Prerequisite: PSY 1100

The purpose of this course is to introduce students to the norms of academic writing in the discipline of psychology. This includes grammar, mechanics, ethical writing practices, APA style, reading and integrating research, and writing as a process. We learn writing by doing, so this class will be writing intensive and students will do more writing in this class than in all of their other psychology classes. Much of the class time will be devoted to practicing and applying the writing skills they are learning. However, there will also be a number of readings and writing activities to be completed outside of class. This class will be challenging, but the more students put into it, the more they will get out of it. If students come to class prepared, take the time to do the assignments, and put a serious effort into the final paper, they will be better prepared for any other final papers, psychology senior seminar, as well as personal and professional writing.

**PSY 4010: Abnormal Psychology (3)** Prerequisite: PSY 1100, PSY 3060

A study of behavior often termed "mental illness." Students learn ways of studying, classifying, and treating abnormal behavior.

**PSY 4020: Personality (3)** Prerequisite: PSY 3060

Major approaches to personality, the organization of cognitive, motivational, and social characteristics.

**PSY 4070: Cognitive Psychology (3)** Prerequisite: PSY 1100

Introduction to classical and modern approaches to the study of human memory and higher cognitive processes. Emphasis is on the structure, formation and application of mnemonic processes, concept formation, language, and problem solving and reasoning.

**PSY 4150: Sensation and Perception (3)** Prerequisite: PSY 1100 and PSY 3300 or permission of instructor

Appraisal of traditional and contemporary psychophysical models of sensation and perception. Emphasis on the general characteristics of the senses, color perception, illusions, perceptual learning and attention.

**PSY 4170: Psychophysiology (3)** Prerequisite: PSY 1100 and PSY 3030

This course will involve an in-depth study of the relationship between physiology and behavior with an emphasis on psychophysiological research and the associated challenges. The student will study the methods of investigation involving physiological changes in heart rate, blood pressure, respiration, temperature, muscle tension, and the changes in hemodynamics and electrical activity of the brain as they are associated with cognitive tasks.

**PSY 4190: Psychophysical Measures (3)** Prerequisite: PSY 1100, PSY 3030 and PSY 4170

This course will involve an in-depth, hands-on study of various methods of collecting and analyzing psychophysiological data. The student will study and practice the methods of investigation involving physiological changes in heart rate, blood pressure, respiration, temperature, muscle tension, and the changes in electrical activity of the brain as they are associated with cognitive tasks.

**PSY 4200: Psychology of Sleep and Dreaming (3)**

This course will cover topics including the neurological processes of sleep, dreaming, and consciousness, as well as sleep disorders such as narcolepsy, insomnia, and hypersomnia. This class is designed to be interactive, with lectures and activities designed to give students a unique learning experience. Not only will students learn about sleep in general, they will also gain insight into their own sleeping patterns.

**PSY 4250: Psychology of Sleep (3)**

This course will cover topics including the neurological processes of sleep, dreaming, and consciousness, as well as sleep disorders such as narcolepsy, insomnia, and hypersomnia. This class is designed to be interactive, with lectures and activities designed to give students a unique learning experience. Not only will students learn about sleep in general, they will also gain insight into their own sleeping patterns. Additionally, this is a writing intensive course. Being able to write and talk about the topics in sleep science are imperative to sleep education learning and outreach.

**PSY 4300: Forensic Psychology (3)** Prerequisite: upper division status

This course will cover a variety of topics pertaining to the interaction of psychology and the law. The student will investigate the influence of various psychological principals as they apply to our legal system. At the completion of the course, the student should possess a rudimentary knowledge of the relationship of psychology and the legal system.

**PSY 4600: Human Neuropsychology (3)** Prerequisites: PSY 1100



The course examines how neurological structures and systems within the human brain function to produce human thought and behavior. The students will also investigate brain and behavioral disorders.

**PSY 4720: Child Development (3)** Prerequisite: PSY 1100

A systematic study of child growth and development from conception through early adolescence. Emphasis is on principles underlying physical, cognitive, emotional, and social change, as well as the dynamic interplay between the individual and the environment. The course will familiarize students with developmental theories, research methods, and practical implications.

**PSY 4740: Adolescent Development (3)** Prerequisite: PSY 1100

A systematic study of growth and development from early adolescence through adulthood. Emphasis is on principles underlying physical, cognitive, emotional, and social change in adolescence, as well as an exploration of the contexts in which these changes take place. The course will familiarize students with developmental theories, research methods, and practical implications.

**PSY 4770: Theories of Psychotherapy (3)** Prerequisite: PSY 1100

This course examines the variety of theoretical approaches to the treatment of mental disorders. The focus of the course is divided between the theoretical bases for the various psychotherapies and the implementation of these therapies with patients.

**PSY 4780: Life Span Development (3)** Prerequisite: PSY 1100

A study of development across the life span from prenatal development until death. Theories of development and aging will be discussed along with characteristics of each stage of human growth and development.

**PSY 4790: Adult Development (3)** Prerequisite: PSY 1100

This class will focus on human growth and development with emphasis on the period of emerging, middle, and older adulthood. Topics will include social relationships, education, work, and financial aspects of adulthood, and we will focus both on research and practical applications. Students identify the major areas of developmental change during adulthood; discuss potential challenges and aids to optimal adult development; read, discuss, and present peer-reviewed empirical research.

**PSY 4800: Counseling Techniques (3)**

An introduction to basic therapeutic techniques including listening, paraphrasing, clarifying and good question format. Practical application of skills and counseling theory is stressed. This course is required in preparation for the Clinical Practicum capstone course.

**PSY 4810: Psychological Disorders in Childhood (3)** Prerequisite: PSY 1100

This course will introduce students to research, theory, and clinical evidence about developmental pathways that result in maladaptive behavior in childhood and beyond. Although this is a lifespan perspective, the main focus of the course will be on childhood and adolescence. Throughout this course, students will learn, understand and analyze the development, etiology, and treatment of psychological disorders in childhood and adolescence.

**PSY 4850: Internship in Psychology (3)**

An advanced clinical practicum experience in applied psychology. Students work in paraprofessional or clinical/counseling placements and gain experience in applying the helping skills with individuals. The practicum is meant to offer students an opportunity to utilize and implement their research and training for those who seek positions in mental health.

**PSY 4860: Practicum in Research Psychology (3)** Prerequisites: PSY 3030

An original investigation conducted by students under the direction of their practicum supervisor. Submission of a formal research paper and presentation of a seminar open to faculty and students is required. This course is especially valuable to students who plan to attend graduate school or who plan to conduct innovative research in education, social work, government or business.

**PSY 4960: Special Topics in Psychology (1-3, 1-3)**

**PSY 4970: Independent Study in Psychology (3)**

**PSY 4990: Senior Seminar (3)** Prerequisites: all core requirements

This is the capstone course for psychology that will integrate and synthesize the information students have received as a part of the core requirement classes. There will be an oral, written and computer component to Senior Seminar Project.

## **COURSES IN PUBLIC HEALTH**

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**PBH 3010: Introduction to Global Health (3)**

This course is an introduction to key concepts and current issues in global health, emphasizing the challenges, diseases, and conditions of global importance, patterns of mortality and morbidity, social economic and political determinants, social inequalities, and the population based and institutional responses to prevent and control disease. The course will challenge students to consider how "Global = Local", exploring connections and similarities between "global health" and public health in the United States, especially within the Appalachian Region. Three lecture hours per week.

**PBH 3020: Introduction to Public Health: Appalachian Perspectives (3)**

Introduction to Public Health: Appalachian Perspectives is designed to introduce students to the field of public health, including historical development, foundational principles, and contemporary issues focusing on the challenges of rural public health and health disparities in central Appalachia. The course will allow for a broad understanding of the many factors which influence health, including behavior, history, culture, geography, society, environment, and policy, and the relationship of these to disease, prevention, health promotion and successful public health interventions. Three lecture hours per week.

**PBH 3950, 3960: Special Topics in Public Health (1-3, 1-3)**

**PBH 4950, 4960: Special Topics in Public Health (1-3, 1-3)**

## COURSES IN SOCIOLOGY

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### **SOC 1100: Introduction to Sociology (3)**

The fundamental concepts and general principles of sociology and how sociology sheds light on such topics as the family, social interaction, social organization, religion, social change, and human nature.

### **SOC 1200: Contemporary Social Problems (3)**

Application of sociology to the study of selected social problems such as inequality, unemployment, racism/sexism, health care, divorce, environmental quality, and crime.

### **SOC 1550: Marriage and Family (3)**

A discussion of dating, marriage, human sexuality, parenthood, communication, the aging process, and other issues.

### **SOC 2350: Urban Sociology (3)**

The study of the development of cities, their social organization, cross-cultural communities, processes, and unique social problems. Also examined are suburban social organization, and the relationship of urban centers to suburbs, smaller communities, rural areas and the global community.

**SOC 3015: Integrated Statistics and Methodology for the Social Sciences (3)** Prerequisite: SOC 1100 or permission of instructor

This course will introduce the student to basic research methodology and statistics as applied to social sciences and will cover the basic theory, methods and ethics of experimental and non-experimental research in the social and behavioral sciences. The use of statistical analysis will be correlated with the research problem, hypotheses, and the method of research used to collect data. At the completion of the course, the student should possess an elementary working knowledge of various methods of research and the associated statistics. (Dual listing with AJU 3015 and PSY 3015.)

**SOC 3025: Research Statistics (3)** Prerequisite: CSC 1100

Application of elementary statistical methods to psychological and sociological data. Lecture and laboratory course in techniques of descriptive and inferential statistics and research design. (Dual listing with AJU 3025 and PSY 3025.)

**SOC 3030: Research Methods (3)** Prerequisite: SOC 3025

An examination of research methods used by sociologists, political scientists, and psychologists, including surveys, participant-observation, and experiments. (Dual listing with AJU 3030 and PSY 3030.)

**SOC 3050: Socialization (3)** Prerequisite: SOC 1100 or permission of instructor

An examination of the fundamental theories of socialization. Emphasis will be on studies of early childhood and adolescent socialization into roles. Acquisition of identity as it relates to social psychological variables will be studied.

**SOC 3120: Community and Social Change (3)** Prerequisite: SOC 1100 or permission of instructor

Cross-cultural study of communities, social organization and process in modern communities related to community development; and analysis of social change, collective behavior including crowd behavior, panic behavior, mass movements, fads and fashions, social movements, and other forms of collective social action.

**SOC 3250: Popular Culture (3)** Prerequisite: SOC 1100 or permission of instructor

Analysis of the development and structure of modern popular culture, entertainment, the mass media, and the internet, including its relationship to identity, ideology, the evolution of lifestyles, and the operation of other social sectors of life such as the economy, politics, religion, education and the family.

**SOC 3300: Sociology of Gender (3)** Prerequisite: SOC 1100 or permission of instructor

Investigation of the development of gender identity and gendered society from feminists, men's, social-psychological, and structural perspectives with primary emphasis on gender roles as constructed in modern society.

**SOC 3310: Social Psychology (3)** Prerequisite: PSY 1100, SOC 1100 and PSY 3060

The relation between attitudes and behavior, the self concept, group formation and maintenance, perception, and interpersonal interaction are among the topics examined. (Dual listing with PSY 3310.)

**SOC 3350: Social Stratification (3)** Prerequisite: SOC 1100 or permission of instructor

An examination of stratification and inequality in societies, with particular emphasis on American capitalist society. The course explores sociological explanations of the development, existence and perpetuation of institutionalized inequality in society, and the impact of inequality on personal and family life, education and politics.

**SOC 3400: Complex Organizations (3)** Prerequisite: SOC 1100 or permission of instructor

This course provides a general look at complex organizations, their impacts and trends. The course focuses on the themes of organizational life and life within organizations in the context of our larger social life, social institutions, and other post-modern dynamics. (Dual listing with AJU 3400.)

**SOC 3450: Sociology of Religion (3)** Prerequisite: SOC 1100 or permission of instructor

An exploration of the manners in which society, community, and place of worship mold human beliefs, and how beliefs, in turn, shape the social world.

**SOC 3460: Work and Occupations (3)**

An examination of the development of work and our relationship to it in other spheres of life, including work-related issues such as deskilling, job satisfaction, equity, mobility and reform.

**SOC 3500: Criminology (3)** Prerequisite: SOC 1100 or permission of instructor

An overview of crime and the criminal justice system. Emphasis is placed on major theories and research findings, the criminal justice system, criminology as a practical field, criminology as an academic discipline, and adult crime. (Dual listing with AJU 3500.)

**SOC 3550: Labor and Unions (3)** Prerequisite: SOC 1100 or permission of instructor

Inquiry into the history, development and structure of organized labor, with a major focus on American unionism, union structure and organization, collective bargaining, strikes labor economics and the non-unionized sector.

**SOC 3600: Sociology of Race and Ethnicity (3)** Prerequisite: SOC 1100 or permission of instructor

An overview of the social, economic, political and psychological aspects of racial and ethnic inequality from both particularistic and structural perspectives. Analysis of causes, consequences and strategies of elimination of racial discrimination.

**SOC 3650: Deviance and Social Control (3)**

A systematic examination of the various types of social disorganization with special emphasis on collective forms of norm violation. (Dual listing with AJU 3650.)

**SOC 3740: Juvenile Delinquency (3)**

A survey of the causes of crime and delinquency, of adolescent behavior, adult crimes, prisons, probation, parole, and crime prevention programs. (Dual listing with AJU 3740.)

**SOC 3750: Environmental Sociology (3)**

This course offers a theoretical and pragmatic exploration of the interaction of people and their social systems with the physical and biological systems of the Earth, examining our socially shaped understanding of this relationship as well as our efforts to manage it.

**SOC 3800: Industrial Sociology (3)** Prerequisite: SOC 1100 or permission of instructor

Examination of various work settings with focus on the development and current state of the labor process and work relations. Interpersonal, organizational, societal and global structures impacting industrial relations are investigated.

**SOC 3810, 3820: Appalachian Seminar (3, 3)**

A study of the history and culture of the Southern Appalachians as well as the social economic problems of the area. The course utilizes area speakers, action groups, films, field trips and panel discussions dealing with Appalachian heritage and special problems such as health, education, coal mining, and environmental problems.

**SOC 3850: Human Services (3)**

This course offers students an opportunity to see and connect sociological ideas and concepts to domains of human services work in vital and constructive ways. Understanding the social skills practiced in human services will allow students to collaborate effectively with others and offers ways for students to figure out how to be a more confident and competent human services professional. For those students planning to go directly into a human services profession, this knowledge will result in more positive outcomes for individuals, families, children, and communities. This course provides multiple opportunities to practice using sociology concepts and theories, contemporary child welfare and similar data, and research publications and students will have the chance to learn how to use social science data to evoke powerful discussions about family, child, and community needs and the possibility of social change. These opportunities will be filtered through a multi-part assessment project designed to

be completed in progressive stages throughout the duration of the course. After completing this course, students will have achieved the following objectives: (1.) communicate the complexity of the human experience and the ways in which human services impact communities; (2.) contrast different types of human services and the organizations which provide them along with their cultural purpose and social functions; (3.) recognize the sociological value of human services organizations as an extension of human caring and care work and articulate a sociological perspective on human services and their cultural necessity; (4.) conduct an organizational analysis within a rural Appalachian context for community-based human services; and (5.) describe how to use course information as a foundation for continued learning about human behavior in the social environment in response to social problems and community-based concerns.

**SOC 3950: Special Topics in Sociology (1-3)** Prerequisite: SOC 1100 or permission of instructor

A seminar in current issues in sociology responding to problems of specific interest to faculty and students. May be offered on an individual basis with approval of the instructor.

**SOC 4100: Classical Sociological Theory (3)** Prerequisite for Sociology majors: SOC 3015 or SOC 1100 and sequence of Statistics and Research Methods. Prerequisite for non-Sociology major: SOC 1100

Introduction to the meaning of sociological theory and the principal classical theorists, including Karl Marx, Max Weber, Emile Durkheim, Auguste Comte, and others.

**SOC 4200: Modern Sociological Theory (3)** Prerequisite for Sociology majors: SOC 3015 or SOC 1100 and sequence of Statistics and Research Methods. Prerequisite for non-Sociology majors: SOC 1100

Introduction to the meaning of sociological theory and the principle modern theorists, including C. Wright Mills, Talcott Parsons, Robert Merton, George Herbert Mead, Anthony Giddens, Jurgen Habermas, Michel Foucault, and others.

**SOC 4790: Adult Development (3)** Prerequisite: PSY 1100

This class will focus on human growth and development with emphasis on the period of emerging, middle, and older adulthood. Topics will include social relationships, education, work, and financial aspects of adulthood, and we will focus both on research and practical applications. Students identify the major areas of developmental change during adulthood; discuss potential challenges and aids to optimal adult development; read, discuss, and present peer-reviewed empirical research. This is a cross-listed course with PSY 4790. Only one can be taken for credit.

**SOC 4940: Internship in Sociology (3)** Prerequisite: Permission of instructor

An intern shall study and work with UVA Wise and another organization, respectively. The intern shall perform tasks as determined by the College and the organization such as study appropriate material, observe and participate in the organization, keep a journal, write an analytic, reflective term paper, and so on. Offered on an individual basis with approval of the instructor.

**SOC 4950: Special Topics in Sociology (1-3)** Prerequisite: SOC 1100 or permission of instructor

A seminar in current issues in sociology responding to problems of specific interest to faculty and students. May be offered on an individual basis with approval of the instructor.

**SOC 4970: Independent Study in Sociology (1-3)** Prerequisite: Permission of instructor

Individual, instructor-supervised research into selected topics in sociology. Offered on an individual basis with approval of the instructor.

**SOC 4980: Field Work in Clinical Sociology (3)** Prerequisite: Permission of instructor

An advanced field-based practicum experience in applied sociology. Students may be placed in an agency for first-hand experience in applied sociological practice, or conduct independent field-based research. Internships may be offered for fieldwork. Offered on an individual basis with approval of the instructor.

**SOC 4990: The Project of Sociology (3)** Prerequisite: SOC 1100 and SOC 3015 or sequence of Statistics and Research Methods and SOC 4100 or SOC 4200

A writing- and oral communications-intensive course integrating analysis and critical examination of the major fields of sociology. Focus on mastering classic sociological accounts as applied to the writing and reporting of the student's term project.

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## DEPARTMENT OF VISUAL AND PERFORMING ARTS

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**Degree:** Bachelor of Arts in Liberal Arts & Sciences

**Majors:** Art, Music, and Theater

**Chair:** Ben Mays

**Coordinator Music Major:** Peter Ryan

**Coordinator Art Major:** Ray Stratton

**Faculty:** Richard Galyean, Michael Hunt, Ben Mays, Michael McNulty, Hannah Ryan, Peter Ryan, Donald Sorah, Ray Stratton

The Department of Visual and Performing Arts offers the Bachelor of Arts degree in Liberal Arts and Sciences with majors and minors in art, music and theater.

The Department also offers performance/production related courses for all students that may fulfill the Liberal Arts Core arts and humanities credit requirements. Certain studio, production, and applied theory courses are offered for repeat credit with the proper prerequisites and permission of the instructor.

It is recommended that interested students declare a major in art, music or theater in the first year in order to complete required course sequences in a timely manner and fully profit from the creative exploration of the four-year program.

Students interested in a major in art, music or theater should contact the corresponding Coordinator for an advising appointment.

### ***VISUAL AND PERFORMING ARTS***

#### **Statement of Purpose**

The Department of Visual and Performing Arts endeavors to serve the larger educational mission of the University of Virginia's College at Wise by designing opportunities to engage fundamental human questions through the unique understandings engendered in artistic expression. These understandings emerge from a collective imagining of who and what we are by giving form to the experience of being human. It is our conviction that the process and forms of creative expression represent fundamental ways of knowing and constitute the basic human occupation with making meaning. As such, we hold the pursuit of artistic expression as essential to the development of an individual and civilization.



## **BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES ART MAJOR**

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***Coordinator: Ray Stratton***

The major in visual art is a broad-based program in two-dimensional studio art stressing interdisciplinary study. The program encourages critical and creative thinking skills, extensive studio work and academic research. Students experience a variety of learning environments in which to develop the individuality of their work. Progress in the seminar sequence is stringently evaluated at the end of each semester and continuation in the program requires a minimum 2.0 GPA and the student's good standing with the College and the Department.

### ***ADMISSION TO THE PROGRAM***

Students planning to major in art must begin the foundation courses in the freshman year in order to avoid delayed graduation. Before being admitted to the seminar sequence, students must have successfully completed 30 credit hours of foundations and intermediate courses including ART 3500 and ART 3510 with at least a 2.0 GPA. Formal application to the program is required in the spring semester of the sophomore year with a portfolio of 20 works submitted to the Department for review.

### ***JUNIOR AND SENIOR SEMINARS***

Studio seminar courses (3 credit hours each) must be completed in sequence each semester of the junior and senior years. These junior/senior seminars will be comprised of independent studio work and research in a chosen subject area as well as weekly group sessions for critique and related studies. Specific studies outside the realm of the academic studio environment may be considered for fulfillment of the seminar requirement, such as museum studies, foreign travel, apprenticeships, etc.

### ***ADDITIONAL PROGRAM REQUIREMENTS***

Major candidates must present a portfolio of work for review at the end of each semester. Graduation is contingent upon an approved body of work presented for exhibit at the end of the final semester. A minimum of 24 hours of the total studio credit hours must be at the 3000 and 4000 level.

During the spring semester of the sophomore year, students must make a formal application for admission into the art degree program. This application process includes a portfolio submission and a written artist's statement.

*Students will complete the following sequence of courses and portfolio reviews:*

<b>FRESHMAN YEAR</b>	<b>FOUNDATION COURSES: 12 HOURS</b>	
ART 1010	Basic 2-D Design	3
ART 1200	Basic Painting	3
ART 1210	Drawing 1	3
ART XXXX	Three additional CONTEXTUAL/SUPPORT hours selected from: <b>ART 1920</b> Printmaking, <b>ART 1030</b> Basic 3-D Design, <b>ART 1040</b> Intro to Graphic Design, <b>ART 2400</b> Digital Imaging	3
<b>SOPHOMORE YEAR</b>	<b>INTERMEDIATE COURSES: 18 HOURS</b>	
ART 3200	Intermediate Painting	3
ART 3500	History of Art I	3
ART 3510	History of Art II	3
ART XXXX	Nine additional CONTEXTUAL/SUPPORT hours selected from: <b>ART 2230</b> Theory and Practice of Ceramics, <b>ART 2310</b> 3-D Design, <b>ART 2320</b> Bookarts, <b>ART 2951</b> Intermediate Painting, <b>ART 2952</b> Drawing II, <b>ART 3100</b> Black and White Photography	3
ART XXXX		3
ART XXXX		3
<b>JUNIOR FALL SEMESTER</b>	<b>Required participation in juried exhibition of work. Positive semester summary review by the Faculty.</b>	
ART 3980	Junior Studio Seminar I (Prerequisite: 18 hours complete from above courses and positive portfolio review.)	3
ART XXXX	CONTEXTUAL/SUPPORT Course ** See Course List Below	3
<b>JUNIOR SPRING SEMESTER</b>	<b>Required participation in juried exhibition of work. Positive semester summary review by the Faculty.</b>	
ART 3990	Junior Studio Seminar II	3
ART XXXX	CONTEXTUAL/SUPPORT Course ** See Course List Below	3
<b>SENIOR FALL SEMESTER</b>	<b>Required participation in juried exhibition of work. Positive semester summary review by the Faculty.</b>	
ART 4980	Senior Studio Seminar I	3
ART XXXX	CONTEXTUAL/SUPPORT Course ** See Course List Below	3
<b>SENIOR SPRING SEMESTER</b>	<b>Required participation in juried exhibition of work. Positive semester summary review by the Faculty.</b>	
ART 4990	Senior Studio Seminar II	3
ART XXXX	CONTEXTUAL/SUPPORT Course ** See Course List Below	3
<b>Total Credit Hours Required, Art Major</b>		<b>54</b>
<b>** JUNIOR/SENIOR level suggested CONTEXTUAL/SUPPORT courses:</b> ART 3000 Theory and Practice of Critique (1,1,1,1), <b>ART 3100</b> Black and White Photography (3), <b>ART 3200</b> Intermediate Painting (3), <b>ART 3201</b> Watercolor (3), <b>ART 3230</b> Wheel Thrown Ceramics (3), <b>ART 3520</b> 20th Century Art (3), <b>ART 3900</b> Gallery Internship (1,1,1,1), <b>ART 4200</b> Advanced Painting (3), <b>ART 4710</b> Advanced Studio Practice (3), <b>ART 4951</b> Life Drawing (3) (Alternate course may be available. These courses will not fulfill a liberal arts core requirement.)		

## **MINOR IN ART**

### **Coordinator: Ray Stratton**

A minor in art consists of a minimum of 18 credit hours of art, at least 12 of which must be in 3000- or 4000-level courses. The minor must be pre-approved by the chair of the Department of Visual and Performing Arts. Suggested courses are: Art 1010, Art 1200, Art 1210, Art 3500 and Art 3510, plus any additional upper division studio course.

## **COURSES IN ART**

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### **ART 1000: Introduction to Art (3)** Prerequisite: Freshman status or permission of instructor

A general survey of visual art for non-majors that introduces students without previous art experience to studio exercises in drawing, painting, and two-dimensional design. Emphasizes perception and visualization skill using examples of historically significant works of art.

### **ART 1010: Basic 2-D Design (3)** Prerequisite: Art 1000 or permission of instructor

Basic principles and elements of design and composition as they relate to two-dimensional studio work. Projects will explore line, shape, form, texture, balance, and color theory through a variety of media.

### **ART 1030: Basic 3-D Design (3)** Prerequisite: Art 1010

An introductory study in the elements, organization and implication of three-dimensional design. This course will explore the complexities of mass, form, volume and space in relationship to primary design concerns through reading and visual studies, lecture, studio assignments, and project critique.

### **ART 1040: Introduction to Graphic Design (3)**

An introduction to design principles and mechanical and conceptual skills as they relate to commercial art and printing processes. Studio work will include both digital and manual production.

### **ART 1200: Basic Painting (3)** Prerequisite: ART 1010 or permission of instructor

Fundamentals of painting with projects including painting from still life, the figure, landscape, and innovative subject matter. Emphasis on form, composition, texture, color, value, and techniques of application.

### **ART 1210: Drawing I (3)**

An introductory course in theory and practice of drawing using a variety of media and mark making tools. Emphasis on line, form, space, light, texture, and composition.

### **ART 1920: Printmaking (3)**

An introductory course to the basics of printmaking, covering a variety of printmaking media. The format of this class will primarily be a lecture/lab.

### **ART 2230: Theory and Practice of Ceramics (3, 3, 3)**

Introduction to the design and construction, glazing, and firing of hand-built ceramics. Creative exploration of various hand-building processes and decorating techniques will be covered. May be repeated twice for credit.

**ART 2310: 3-D Design (3, 3)** Prerequisite: Art 1010 or permission of instructor

Design and construction of three-dimensional forms by additive, subtractive, and assemblage methods. Maybe repeated once for credit.

**ART 2320: Book Arts (3)**

This course investigates the idea of form and function in relation to the creation of artist's books. The projects will cover a variety of book-making methods and media, exploring the handmade book both as a technical craft and as a creative art form.

**ART 2330: Paper Making (3)**

This course covers the basic elements and principles of papermaking as both a craft and a fine art. This will take place in the form of lectures, discussions and critiques with an emphasis on hands-on projects.

**ART 2340: Paper Arts (3)**

This course covers the basic principles and processes involved in papermaking, relief printmaking, and simple paper forming. The intent is to integrate these separate, but inter-related art disciplines in a way that makes students understand the broader application of each.

**ART 2400: Digital Imaging (3)**

A hands-on exploration of the computer, using PhotoShop and Illustrator techniques, as well as an introduction to basic composition and digital history. The format of the class will be primarily lecture/lab, with the majority of the class devoted to lab.

**ART 3000: Theory and Practice of Critique (1, 1, 1, 1)** Prerequisite: Art major status

Enrollment in this course is limited to declared art majors. In-depth consideration of the process and value of critique within the artist's practice. Students will engage in intense private and group critiques with a professional artist through the term for the purpose of significant advancement of the studio practice. This course may be repeated three times for credit.

**ART 3100: Black and White Photography (3, 3, 3)**

Fundamentals of black and white photography with an emphasis on the photographic process as an artistic medium. Topics include control and understanding of the camera, film, paper, and the basic photographic processes of development and printing. May be repeated twice for credit.

**ART 3200: Intermediate Painting (3, 3)** Prerequisite: Art 1200 or permission of instructor

Theory and technique of painting. Problems in space, form, color, composition, and materials, using oil, acrylic, or mixed media. Emphasis on understanding and appreciation of past and contemporary painting, the variety and relationship of art styles, and techniques and analytic principles of these styles. May be repeated once for credit.

**ART 3201: Watercolor (3)** Prerequisite: Art 1200 or permission of instructor

Introduction to basic watercolor techniques and materials as well as basic color theory as it applies to watercolor painting.

**ART 3230: Wheel Thrown Ceramics (3, 3, 3)**

This course investigates the properties of earthenware clay in forming wheel-thrown vessels. Emphasis is on consistency and proficiency in centering and throwing. Students will experiment with construction techniques and surface finishes. Course may be repeated twice for credit.

**ART 3500: History of Art I (3)** Prerequisite: ENG 1020 or ENG 1030

History and interpretation of architecture, sculpture, and painting beginning with prehistoric art and following the mainstream of civilization to the end of the medieval period. Emphasis on relationship of art styles to the social, economic, political and religious conditions of the times, the relationships between works of different periods, and the influence of art on past and present cultures.

**ART 3510: History of Art II (3)** Prerequisite: ENG 1020 or ENG 1030

History and interpretation of architecture, sculpture, and painting from 1400 to the present, with emphasis on relationship of art styles to the social, economic, political, and religious conditions of the times, the style relationships between works of different periods, and the influence of art on past and present cultures. Includes study of major trends, developments, philosophy and major artists.

**ART 3520: 20th Century Art (3)** Prerequisite: ENG 1020 or ENG 1030

The development of progressive art in the 20th century. Exploration of the plurality of styles and concepts in contemporary art and art theory.

**ART 3530: Art in the United States (3)** Prerequisite: ENG 1020 or ENG 1030

A study of the arts in America from the Colonial era to the present as they reflect upon the American experience.

**ART 3540: World Art (3)** Prerequisite: ENG 1020 or ENG 1030

The historical development of non-Western art. Emphasis is on the social and philosophical relationships of art to the various non-Western cultures and how these relationships contrast with the role of art in Western cultures.

**ART 3900: Gallery Internship (1, may be repeated)** Corequisite: Junior Seminar or Senior Seminar

This course will give students a hands-on experience with all levels of activities related to the exhibition of artwork in a professional art gallery.

**ART 3980, 3990: Junior Studio Seminar I, II (3, 3)** Prerequisites: ART 1010, permission of instructor, and entry portfolio approval

The purpose of this course is to allow individual creative exploration of various studio methods and materials, in multiple contexts, for the purpose of developing a personal artistic initiative. Students are required to complete a body of creative work (to be exhibited at the end of each

term) as well as participate in group projects, discussions, and lectures on historic and contemporary art issues. The course is specified for art majors of junior status who have completed a minimum of 15 of the required hours toward the major and who submit an acceptable entry portfolio of work. The structure of the course is variable to accommodate relevant learning opportunities beyond the scope of the college classroom.

**ART 4200: Advanced Painting (3, 3)** Prerequisite: Art 3200

Further pursuit of individual interest in oil, acrylic, watercolor or mixed media; further knowledge of the theory and technique of past and contemporary painting; awareness of the variety and relationship of art styles and techniques, and analytic principles of these styles. May be repeated once for credit.

**ART 4700, 4710: Special Projects (3, 3)** Prerequisite: Permission of instructor.

**ART 4950, 4960: Special Studies in Art (1-6, 1-6)** Prerequisite: Permission of instructor

**ART 4970: Independent Study (1-3)** Prerequisite: Permission of instructor

**ART 4980, 4990: Senior Studio Seminar I, II (3, 3)** Prerequisites: ART 1010, ART 3980, ART 3990, and permission of instructor

The course establishes a springboard for the student to enter the next phase of artistic development (i.e., professional art school, graduate school, commercial, or freelance career) through intense investigation of production and aesthetic problems in art. The student will work independently on a body of work and their philosophical initiative as well as participate in group context for critique, guest lectures, field trips, and exhibitions. The course is specified for art majors of senior status who have completed a minimum of 27 hours required toward the major and who submit an acceptable entry portfolio of work. The structure of this course is variable to accommodate relevant learning opportunities beyond the scope of the college classroom. The student will have responsibility for all aspects of their senior exit exhibit at the end of each term.

## BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES

### MUSIC MAJOR

**Coordinator:** Peter Ryan

The major in music is a program that provides a foundation of music studies in music theory, music history/literature, applied music, ensemble performance, orchestration, and conducting and from which a student may pursue specific interests through the completion of additional advanced music course work. The degree culminates in the presentation of a forty-minute lecture recital typically given during the Junior or Senior year. The University of Virginia's College at Wise is an accredited institutional member of the National Association of Schools of Music.

### ***ADMISSION TO THE MUSIC MAJOR***

Students pursuing the Bachelor of Arts degree in Liberal Arts and Sciences-Music Major must be admitted by an audition for the Division of Music faculty. Contact the Division of Music for specific audition requirements for your instrument, including appropriate scales or rudiments. Accompanists for the audition are not provided by the College, although the student may audition with recorded accompaniment. The Division of Music will arrange specific audition dates each spring semester, but students may also be permitted, with approval of the Division, to audition at other times. Live auditions are preferred, but in instances where a live audition is not possible, a recorded audition will be accepted. Students provisionally admitted by recorded audition may be asked to audition live upon their arrival to campus for formal admission into the program.

Upon acceptance to the program and prior to enrollment in MUS course work, Music majors will complete entrance examinations in Music Theory and Piano. Students will be required to complete the following course prior to enrolling in MUS 1551/1553 (Music Theory I/Aural Skills I) and MUS 1252 (Intermediate Class Piano):

- MUS 1010 – Introduction to Music Reading (3 hours): required of students who need preparatory work in piano or music fundamentals. Credit earned in MUS 1010 does not count toward the Music major. Hours may, however, be counted toward the Liberal Arts Core Humanities or Arts requirements.

Students with exceptional experience in the areas of music theory, piano, and music literature may be exempted, upon examination, from certain courses within the Music major curriculum. Students who exempt required courses by examination will be permitted to substitute elective courses in music in fulfillment of their degree requirements.

<b><i>MUSIC MAJOR</i></b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>Required Applied Music Courses</b>		
Applied music course numbers are determined by the instrument studied. See course listings below for specific course numbers.		
MUS 14XX	Applied Music: Principal Instrument (2-2)	4

MUS 24XX	Applied Music: Principal Instrument (2-2)	4
MUS 34XX	Applied Music: Principal Instrument (2-2)	4
MUS 3900	Capstone Lecture Recital (2)	2
<b>Required Music Theory Courses</b>		
MUS 1551	Music Theory I	3
MUS 1552	Aural Skills I	1
MUS 1553	Music Theory II	3
MUS 1554	Aural Skills II	1
MUS 2551	Music Theory III	3
MUS 2552	Aural Skills III	1
MUS 2553	Music Theory IV	3
MUS 2554	Aural Skills IV	1
<b>Required Applied Music Secondary/Piano Courses</b>		
<p>A passing grade in Class Piano courses is contingent upon successful completion of the Division of Music Piano Proficiency Exam administered in each Class Piano course. Music majors who study piano as their principal instrument must complete two hours of Applied Music study on a secondary instrument in lieu of the required Class piano courses. Students may choose from MUS 1231, 1265, 1311-1371.</p>		
MUS 1251	Beginning Class Piano	1
MUS 1252	Intermediate Class Piano	1
MUS 2251	Advanced Class Piano	1
<b>Required Music History Courses</b>		
MUS 3038	Popular and World Music	3
MUS 4531	Music History I	3
MUS 4532	Music History II	3
<b>Required Ensemble Participation</b>		
<p>Ensemble participation each semester is made in consultation with and discretion of the Division of Music faculty. A minimum of 7 credit hours in ensemble participation is required. Two hours of ensemble credit must be earned in small ensembles. Enrollment in a minimum of one large ensemble is required each term of residence. Vocal principals are to participate in Concert Choir every semester in residence. Instrumental majors in the Teacher Education Program are to participate in Marching Highland Cavaliers every fall semester in residence.</p>		
LARGE ENSEMBLE	Highland Winds, Concert Choir, Marching Band, Highland Chorale, Jazz Ensemble (minimum of one enrollment per term of residence)	5
SMALL ENSEMBLE	Wind Ensemble, Highland Cavalier Pep Band, Bluegrass Ensemble, Highland Chorale, Madrigal Choir, Jazz Combo, Guitar Ensemble, String Ensemble, Percussion Ensemble	2 (minimum of 2 hours credit earned)
<b>Required Professional Sequence -- Orchestration and Conducting Courses</b>		
MUS 3520	Beginning Conducting	2
MUS 3651	Orchestration and Arranging	2
<b>Required Music Elective Hours</b>		



Students must select from MUS 3000 or 4000 level courses (lower division music electives accepted with Division of Music approval); or elect the Teacher Education Program (TEP) or Professional Studies Curriculum in lieu of upper division music electives.		
MUS XXXX	MUS 3000- or 4000-level courses	3
MUS XXXX	MUS 3000- or 4000-level courses	3
<b>Additional Requirements</b>		
MUS 1001	Attendance at weekly Music Department meetings is required for all music majors. Seven semesters of successful completion of this course is required for graduation.	0
<b>TOTAL</b>		<b>51</b>

Note: six hours of MUS course work may be used to fulfill the liberal arts core area IX: Arts and area X: Humanities.

<b>MUSIC MAJOR – Teaching Licensure</b>		
COURSE CODE	TITLE	CREDIT HOURS
<b>Required Applied Music Courses</b>		
Applied music course numbers are determined by the instrument studied. See course listings below for specific course numbers.		
MUS 14XX	Applied Music: Principal Instrument (2-2)	4
MUS 24XX	Applied Music: Principal Instrument (2-2)	4
MUS 34XX	Applied Music: Principal Instrument (2-2)	4
MUS 3900	Capstone Lecture Recital (2)	2
<b>Required Music Theory Courses</b>		
MUS 1551	Music Theory I	3
MUS 1552	Aural Skills I	1
MUS 1553	Music Theory II	3
MUS 1554	Aural Skills II	1
MUS 2551	Music Theory III	3
MUS 2552	Aural Skills III	1
MUS 2553	Music Theory IV	3
MUS 2554	Aural Skills IV	1
<b>Required Applied Music Secondary/Piano Courses</b>		
A passing grade in Class Piano courses is contingent upon successful completion of the Division of Music Piano Proficiency Exam administered in each Class Piano course. Music majors who study piano as their principal instrument must complete two hours of Applied Music study on a secondary instrument in lieu of the required Class piano courses. Students may choose from MUS 1231, 1265, 1311-1371.		
MUS 1251	Beginning Class Piano	1
MUS 1252	Intermediate Class Piano	1
MUS 2251	Advanced Class Piano	1
<b>Required Music History Courses</b>		
MUS 3038	Popular and World Music	3
MUS 4531	Music History I	3

MUS 4532	Music History II	3
<b>Required Ensemble Participation</b>		
Ensemble participation each semester is made in consultation with and discretion of the Division of Music faculty. A minimum of 7 credit hours in ensemble participation is required. Two hours of ensemble credit must be earned in small ensembles. Enrollment in a minimum of one large ensemble is required each term of residence. Vocal principals are to participate in Concert Choir every semester in residence. Instrumental majors in the Teacher Education Program are to participate in Marching Highland Cavaliers every fall semester in residence.		
LARGE ENSEMBLE	Highland Winds, Concert Choir, Marching Band, Highland Chorale, Jazz Ensemble (minimum of one enrollment per term of residence)	5
SMALL ENSEMBLE	Wind Ensemble, Highland Cavalier Pep Band, Bluegrass Ensemble, Highland Singers, Madrigal Choir, Men's Vocal Ensemble, Jazz Combo, Women's Vocal Ensemble, Chamber Music Ensemble, Clarinet Choir, Guitar Ensemble	2 (minimum of 2 hours credit earned)
<b>Required Professional Sequence -- Orchestration and Conducting Courses</b>		
MUS 3520	Beginning Conducting	2
MUS 3651	Orchestration and Arranging	2
<b>Required Music Education Hours</b>		
Students must take the following music education courses to fulfill the Teacher Education Program (TEP) requirements.		
MUS 2515	Instrumental Survey	3
MUS 3523	Advanced Conducting	3
MUS 3782	Vocal Pedagogy	3
MUS 4785	Secondary Choral/Instrumental Methods	3
MUS 4711	Classroom Management in Music	3
MUS 4712	Elementary Music Education	3
<b>Education Course Requirements</b>		
EDU 2510	Foundations of American Education	3
EDU 3580	Reading in the Content Area	3
EDU 3600	Human Growth and Development	3
EDU 3690	Inclusion of Exceptional Children	3
EDU 4090	Foundations of Assessment	1
EDU 4943	Teaching Internship	12
<b>Additional Requirement</b>		
MUS 1001	Attendance at weekly Music Department meetings is required for all music majors. Seven semesters of successful completion of this course is required for graduation.	0
<b>TOTAL</b>		<b>96</b>

## **FRESHMAN AND SOPHOMORE EVALUATIONS**

At the conclusion of two semesters of applied music study in both MUS 14xx and 24xx (course numbers determined by the instrument studied), students will be juried by the Division of Music faculty to determine their eligibility for advancement in applied music study and/or performance of the Junior Lecture Recital.

The Freshman Evaluation, which follows the completion of the second semester of MUS 14xx: Applied Music: Principal, consists of the performance of two pieces of contrasting style for the Division of Music faculty as well as appropriate rudiments and/or scales on the student's instrument. Academic progress in music courses will also be reviewed. Music majors who, at the conclusion of two semesters of study in MUS 14xx, do not demonstrate, in the faculty's opinion, suitable progress in solo performance or have not completed required preparatory course work in MUS 1010 or MUS 2030 mandated by their entrance exams will not be permitted to enroll in MUS 24xx until such deficiencies have been remedied. Students may, at the faculty's discretion, continue to enroll in MUS 14xx on a space-available basis, but credit earned in MUS 14xx beyond two-semester of study is not applicable toward the music hours required for the Bachelor of Arts in Liberal Arts and Sciences Music major.

The Sophomore Evaluation, which follows the completion of the second semester of MUS 24xx: Applied Music: Principal, consists of the performance of a minimum of ten minutes of music as well as the review of academic progress in music course work. Music majors who, at the conclusion of two semesters of study in MUS 24xx, do not demonstrate, in the faculty's opinion, suitable progress in solo performance or who have not successfully completed MUS 1551, MUS 1552, MUS 1553, and MUS 1554 will not be permitted to enroll in MUS 3900 or MUS 34xx until such deficiencies have been remedied. Students may, at the faculty's discretion, continue to enroll in MUS 24xx on a space-available basis, but credit earned in MUS 24xx beyond two-semester of study is not applicable toward the music hours required for the Bachelor of Arts in Liberal Arts and Sciences Music major.

Students who have successfully completed the Sophomore Evaluation may enroll in one or two semesters of MUS 34xx (course number determined by the instrument studied) in preparation for the Lecture Recital. Additional hours earned in MUSI 34xx may be counted as general music electives.

## **CAPSTONE LECTURE RECITAL**

The Lecture Recital serves as the "capstone" for the Music major. The Lecture Recital is a minimum forty minute presentation to be divided equally among performance of repertoire of an appropriate degree of difficulty for Senior-level undergraduate music majors and the historical and analytical criticism of that repertoire in a lecture format. The Lecture component of the recital must present a clear thesis explored by the student's historical and analytical comments and reinforced by the student's musical performance. The scholarly and technological expectations of the Lecture Recital are outlined in the Division of Music Applied Music syllabi.

## MINOR IN MUSIC

**Coordinator:** Peter Ryan

The Minor in Music is designed to provide students with the opportunity to pursue music as a performing art and as an adjunct to the major academic field. The minor is available all students regardless of prior musical experience, though some prior training via private lessons or ensemble work is encouraged. Courses with a final grade less than C- will not count toward the Minor in Music. This Minor does not license a student to teach music in K-12 public schools.

REQUIREMENT	MUSIC MINOR	HOURS
<b>Music Departmental (0 Credits) – For majors and minors</b>		
MUS 1001	Should be taken concurrently while taking Applied Music courses.	0
<b>Applied Coursework – four semesters, four courses, 2 hours each</b>		
MUS 14XX/24XX	Applied Music Principle Courses	8
<b>Ensemble Coursework – four semesters, four courses, 1 hour each</b>		
MUS XXXX	Ensemble Courses	4
<b>Music Theory – one semester, one 3 hour course</b>		
MUS XXXX	MUS 1551 Music Theory I MUS 1553 Music Theory II MUS 2551 Music Theory III MUS 2553 Music Theory IV <i>Students will have an opportunity to test into higher level courses based on skill level.</i>	3
<b>Two Additional Courses – Choose two courses, 3 hours each</b>		
MUS 3030	Music Appreciation	6
MUS 3038	Popular and World Music	
MUS 3040	Advanced Music Technology	
MUS 3780	Diction I	
MUS 3781	Diction II (MUS 3780 is a prerequisite.)	
MUS 3782	Vocal Pedagogy I	
MUS 3783	Vocal Pedagogy II (MUS 3782 is a prerequisite.)	
MUS 4531	Music History I	
MUS 4532	Music History II (MUS 4531 is a prerequisite.)	
<b>TOTAL</b>		<b>21</b>

## COURSES IN MUSIC

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### **MUS 1001: Music Departmental (0)**

A weekly meeting of all music majors providing opportunity for performance and peer review along with discussion of music curricular topics. Attendance at weekly music departmental meetings is required of all music majors. Seven semesters of successful completion of this course are required for graduation.

### **MUS 1010: Introduction to Music Reading (3)**

A beginning-level course that enhances the student's ability to read, analyze, and perform music. In-class performance is emphasized.

### **MUS 1040: Introduction to Music Technology (3)**

A beginning course in music technology that provides an introduction to MIDI, digital audio, computer-aided instruction, musical notation, and multimedia presentation.

### **MUS 1111/3111: Highland Winds (0.5 or 1)**

The Highland Winds is open to all college students with previous instrumental experience. Two hours of lecture/rehearsal each week. May be repeated for credit.

### **MUS 1112/3112: Marching Highland Cavaliers (0.5 or 1)** Prerequisite: Audition

The Highland Cavalier Marching Band performs for UVA Wise home football games and other college events throughout the fall semester. Three to five hours of rehearsal/performance each week. Open to students with prior instrumental experience by audition. May be repeated for credit.

### **MUS 1121/3121: Wind Ensemble (0.5 or 1)**

The Wind Ensemble is open to all college students with previous instrumental experience. Three to five hours of lecture/rehearsal each week. May be repeated for credit.

### **MUS 1122/3122: Highland Cavalier Pep Band (0.5 or 1)**

The Pep Band performs exclusively for select college athletic events throughout the semester. One to three hours of rehearsal/performance each week. Open to students with prior instrumental experience. May be repeated for credit.

### **MUS 1123/3123: Jazz Ensemble (0.5 or 1)**

A jazz ensemble open to all students with previous instrumental jazz experience. Two hours of lecture/rehearsal each week. Open to students with prior instrumental experience. May be repeated for credit.

### **MUS 1124/3124: Brass Ensemble (Low Brass) (0.5 or 1)**

The Brass Ensemble is open to all students with previous instrumental experience. Two hours of lecture/rehearsal each week. May be repeated for credit.

### **MUS 1125/3125: Brass Ensemble (High Brass) (0.5 or 1)**

The Brass Ensemble is open to all students with previous instrumental experience. Two hours of lecture/rehearsal each week. May be repeated for credit.

**MUS 1126/3126: Woodwind Ensemble (0.5 or 1)**

The Woodwind Ensemble is open to all students with previous instrumental experience. Two hours of lecture/rehearsal each week. May be repeated for credit.

**MUS 1127/3127: Bluegrass Ensemble (0.5 or 1)**

The Bluegrass Ensemble is open to all students with previous instrumental experience. Two hours of lecture/rehearsal each week. May be repeated for credit.

**MUS 1128/3128: Percussion Ensemble (0.5 or 1)**

The Percussion Ensemble is open to all students with previous instrumental experience. Two hours of lecture/rehearsal each week. May be repeated for credit.

**MUS 1129/3129: String Ensemble (0.5 or 1)** Prerequisite: Permission of instructor

The String Ensemble is open to all students with previous instrumental experience. Two hours of lecture/rehearsal each week. May be repeated for credit.

**MUS 1130/3130: Jazz Combo (0.5 or 1)** Prerequisite: Permission of instructor

A beginner level college jazz combo will be examined and performing various jazz combo pieces selected from extant literature including cool, swing, hard bop, bossa, Latin, samba, funk/rock, and other styles. The primary goal of this course is to review the basic elements of jazz, and to prepare students to investigate the more rudimentary material found in the areas of jazz improvisation. May be repeated for credit.

**MUS 1140/3140: Guitar Ensemble (0.5 or 1)** Prerequisite: Permission of instructor

The Guitar Ensemble is open to all students with previous instrumental experience. Two hours of lecture/rehearsal each week. May be repeated for credit.

**MUS 1151/3151: Concert Choir (0.5 or 1)**

The concert choir is open to all students by audition. Three to five hours of lecture/rehearsal each week. May be repeated for credit.

**MUS 1152/3152: Highland Chorale (0.5 or 1)**

The Highland Chorale is open to all college students. Two hours of lecture/rehearsal each week. May be repeated for credit.

**MUS 1161/3161: Madrigal Choir (0.5 or 1)**

The Madrigal Choir is open to all students by audition. One hour of lecture/rehearsal each week. May be repeated for credit.

**MUS 1231: Beginning Class Voice (1)**

Open to students without prior vocal training. Development of general musicianship through the study of elementary vocal literature, skills in sight singing, interpretation, and basic vocal techniques.

**MUS 1251: Beginning Class Piano (1)** Prerequisite: Permission of instructor.

Students must read rhythmic notation and pitch notation in at least treble or bass clef before enrolling. This course is intended for instrumentalists or singers with no previous piano experience. Open to students without prior keyboard experience. Development of general

musicianship through the study of elementary keyboard literature. Skills in sight reading, improvisation, transposition, harmonization, interpretation, and basic piano technique. The Division of Music Beginning Class Piano Proficiency Examination will be given as the final exam in the course and must be successfully completed in order to receive a passing grade in MUS 1251.

**MUS 1252: Intermediate Class Piano (1)** Prerequisite: MUS 1251 or placement by entrance examination

Continuation of Beginning Class Piano. Development of general musicianship through the study of intermediate keyboard literature. Skills in sight reading, improvisation, transposition, harmonization, interpretation, and intermediate piano technique. The Division of Music Intermediate Class Piano Proficiency Examination will be given as the final exam in the course and must be successfully completed in order to receive a passing grade in MUS 1252.

**MUS 1265: Beginning Class Guitar (1)**

Open to students without prior guitar experience. Development of general musicianship through the study of elementary guitar literature, skills in sight reading, improvisation, transposition, harmonization, interpretation, and basic guitar technique.

**MUS 13xx: Applied Music Secondary: Piano, Organ, Voice, Woodwinds, Brass, Strings, Guitar, Percussion, Composition (1)** Prerequisite: Audition

One 30-minute private lesson per week for one credit per semester. Music is determined by the instructor according to the level and ability of the student. Prior performing experience and an audition are required before registration. May be repeated for credit.

- MUS 1311 Applied Music Secondary Trumpet
- MUS 1312 Applied Music Secondary Horn
- MUS 1313 Applied Music Secondary Trombone
- MUS 1314 Applied Music Secondary Euphonium
- MUS 1315 Applied Music Secondary Tuba
- MUS 1321 Applied Music Secondary Flute
- MUS 1322 Applied Music Secondary Oboe
- MUS 1323 Applied Music Secondary Clarinet
- MUS 1324 Applied Music Secondary Bassoon
- MUS 1325 Applied Music Secondary Saxophone
- MUS 1331 Applied Music Secondary Voice
- MUS 1341 Applied Music Secondary Percussion
- MUS 1351 Applied Music Secondary Piano
- MUS 1352 Applied Music Secondary Organ
- MUS 1361 Applied Music Secondary Violin
- MUS 1362 Applied Music Secondary Viola
- MUS 1363 Applied Music Secondary Cello
- MUS 1364 Applied Music Secondary Double Bass
- MUS 1365 Applied Music Secondary Guitar
- MUS 1371 Applied Music Secondary Composition

**MUS 14xx: Applied Music Principal: Piano, Organ, Voice, Woodwinds, Brass, Strings, Guitar, Percussion (2)** Prerequisite: Audition

One 60-minute private lesson per week for two credits per semester. Music is determined by the instructor according to the level and ability of the student. Prior performing experience and an audition are required before registration. May be repeated for credit. Following two semesters of study in MUS 14xx, students will complete the Freshman Evaluation. Successful completion of the evaluation is required before enrolling in MUS 24xx.

- MUS 1411 Applied Music Principal Trumpet
- MUS 1412 Applied Music Principal Horn
- MUS 1413 Applied Music Principal Trombone
- MUS 1414 Applied Music Principal Euphonium
- MUS 1415 Applied Music Principal Tuba
- MUS 1421 Applied Music Principal Flute
- MUS 1422 Applied Music Principal Oboe
- MUS 1423 Applied Music Principal Clarinet
- MUS 1424 Applied Music Principal Bassoon
- MUS 1425 Applied Music Principal Saxophone
- MUS 1431 Applied Music Principal Voice
- MUS 1441 Applied Music Principal Percussion
- MUS 1451 Applied Music Principal Piano
- MUS 1452 Applied Music Principal Organ
- MUS 1461 Applied Music Principal Violin
- MUS 1462 Applied Music Principal Viola
- MUS 1463 Applied Music Principal Cello
- MUS 1464 Applied Music Principal Double Bass
- MUS 1465 Applied Music Principal Guitar

**MUS 1551: Music Theory I (3)** Prerequisite: Placement by entrance examination or permission of instructor

An intensive introduction to the materials and structures of common-practice tonal music.

**MUS 1552: Aural Skills I (1)** Prerequisite or corequisite: MUS 1551

The development of aural skills and sight-singing skills through listening and performing exercises based on the musical materials studied in MUS 1551.

**MUS 1553: Music Theory II (3)** Prerequisite: Placement by entrance examination or MUS 1551

A continuation of MUS 1551. Exploration of the diatonic and chromatic harmonies typically exhibited in the Classical period as well as its general compositional forms.

**MUS 1554: Aural Skills II (1)** Prerequisite: Placement by entrance examination or MUS 1552; MUS 1553 must also be taken as a prerequisite or corequisite.

Continued development of aural and sight singing skills through listening and performing exercises based on the musical materials studied in MUS 1553.

**MUS 2030/3030: Music Appreciation (3)**



A study of the materials of music as a means of developing listening skills. Emphasis on perception and understanding of a variety of musical styles. Students enrolled in the 3030 level of this course will be expected to complete extra projects to demonstrate understanding of the material.

**MUS 2038/3038: Popular and World Music (3)**

Survey of the history and development of popular music in the United States from the mid-nineteenth century minstrel show to present day forms as well as an exploration of music cultures throughout the world. Students seeking upper-level credit for this course will complete a research project in addition to the assignments in MUS 2038. Music majors must enroll in MUS 3038.

**MUS 2251: Advanced Class Piano (1)** Prerequisite: MUS 1252 or placement by entrance examination

The culminating course of the Division of Music Class Piano program. Continued development of general musicianship through the study of intermediate/advanced keyboard literature. Skills in sight reading, improvisation, transposition, harmonization, interpretation, and intermediate piano technique. The Division of Music Advanced Class Piano Proficiency Examination will be given as the final exam in the course and must be successfully completed in order to receive a passing grade in MUS 2251.

**MUS 2265: Intermediate Class Guitar (1)** Prerequisite: MUS 1265

Continuation in the development of general musicianship through the study of intermediate guitar literature, skills in sight reading, improvisation, transposition, harmonization, interpretation, and basic guitar technique.

**MUS 24xx: Applied Music Principal: Piano, Organ, Voice, Woodwinds, Brass, Strings, Guitar, Percussion (2)** Prerequisite: Successful completion of the Freshman Evaluation or placement by audition

One 60-minute private lesson per week for two credits per semester. Music is determined by the instructor according to the level and ability of the student. May be repeated for credit. Following two semesters of study in MUS 24xx, students will complete the Division of Music Sophomore Evaluation. Successful completion of the evaluation is required before enrolling in MUS 34xx.

- MUS 2411 Applied Music Principal Trumpet
- MUS 2412 Applied Music Principal Horn
- MUS 2413 Applied Music Principal Trombone
- MUS 2414 Applied Music Principal Euphonium
- MUS 2415 Applied Music Principal Tuba
- MUS 2421 Applied Music Principal Flute
- MUS 2422 Applied Music Principal Oboe
- MUS 2423 Applied Music Principal Clarinet
- MUS 2424 Applied Music Principal Bassoon
- MUS 2425 Applied Music Principal Saxophone
- MUS 2431 Applied Music Principal Voice

MUS 2441 Applied Music Principal Percussion  
MUS 2451 Applied Music Principal Piano  
MUS 2452 Applied Music Principal Organ  
MUS 2461 Applied Music Principal Violin  
MUS 2462 Applied Music Principal Viola  
MUS 2463 Applied Music Principal Cello  
MUS 2464 Applied Music Principal Double Bass  
MUS 2465 Applied Music Principal Guitar

**MUS 2513: Instrumental Techniques: Strings (1)** Prerequisite: Ability to read music

An introduction to general performance techniques idiomatic to the violin, viola, cello, and double bass.

**MUS 2515: Instrumental Survey (3)**

This course is required for all music majors. Students will study materials, methods, literature, and pedagogy of the primary brass, woodwind, and percussion instruments. Course assignments include readings and research, examination of appropriate materials and equipment pertaining to band instrument instruction, a performance and teaching laboratory component, and practicum experiences.

**MUS 2551: Music Theory III (3)** Prerequisite: Placement by entrance examination or MUS 1553

An intensive introduction to the materials and structures of common-practice tonal music.

**MUS 2552: Aural Skills III (1)** Prerequisite: Placement by entrance examination or MUS 1554.  
MUS 2551 must also be taken as a Prerequisite or corequisite.

The development of aural skills and sight-singing skills through listening and performing exercises based on the musical materials studied in MUS 2551.

**MUS 2553: Music Theory IV (3)** Prerequisite: Placement by entrance examination or MUS 2551

A continuation of MUS 2551. Exploration of the diatonic and chromatic harmonies typically exhibited in the Romantic period and introduction to compositional techniques of the 20th Century.

**MUS 2554: Aural Skills IV (1)** Prerequisite: Placement by entrance examination or MUS 2552;  
MUS 2553 must also be taken as a prerequisite or corequisite.

A continued development of aural and sight singing skills through listening and performing exercises based on the musical materials studied in MUS 2553.

**MUS 2950, 2960: Special Topics in Music**

**MUS 3040: Introduction to Music Technology (3)**

A beginning course in music technology that provides an introduction to MIDI, digital audio, (optionally) computer-aided instruction, and (optionally) music notation. Additional project work will be assigned for students enrolled in MUS 3040 based on student interest with instructor approval. This course may be cross-listed with MUS 1040. Students taking the course at the higher level will have additional work to complete.

**MUS 34xx: Applied Music Principal: Piano, Organ, Voice, Woodwinds, Brass, Strings, Guitar, Percussion (2)** Prerequisite: Successful completion of the Sophomore Evaluation or placement by audition

One 60-minute private lesson per week for two credits per semester. Music is determined by the instructor according to the level and ability of the student. May be repeated for credit.

- MUS 3411 Applied Music Principal Trumpet
- MUS 3412 Applied Music Principal Horn
- MUS 3413 Applied Music Principal Trombone
- MUS 3414 Applied Music Principal Euphonium
- MUS 3415 Applied Music Principal Tuba
- MUS 3421 Applied Music Principal Flute
- MUS 3422 Applied Music Principal Oboe
- MUS 3423 Applied Music Principal Clarinet
- MUS 3424 Applied Music Principal Bassoon
- MUS 3425 Applied Music Principal Saxophone
- MUS 3431 Applied Music Principal Voice
- MUS 3441 Applied Music Principal Percussion
- MUS 3451 Applied Music Principal Piano
- MUS 3452 Applied Music Principal Organ
- MUS 3461 Applied Music Principal Violin
- MUS 3462 Applied Music Principal Viola
- MUS 3463 Applied Music Principal Cello
- MUS 3464 Applied Music Principal Double Bass
- MUS 3465 Applied Music Principal Guitar

**MUS 3520: Beginning Conducting (2)** Prerequisite: MUS 1551

An introduction to the basic techniques of conducting instrumental and choral ensembles.

**MUS 3523: Advanced Conducting (3)** Prerequisite: MUS 3520 Corequisite: MUS 1152/3152

This course will continue the development of basic conducting techniques introduced in MUS 3520, as well as the exploration of specific conducting techniques for choral and instrumental ensembles and a general review of instrumental and choral literature. The Choral portion of the course will focus on choral development through warm-ups and breathing exercises and will explore various examples of choral literature from the Renaissance, Baroque, Classical, Romantic and contemporary musical eras. The Instrumental portion will emphasize literature for wind ensembles and bands. This course is team-taught, and a course assignment calendar will be provided. Final grades will be equally weighted between the choral and instrumental portion of the course.

**MUS 3611: Improvisation (2)** Prerequisite: MUS 1551, 1552, 1553, 1554

A study of transcription, analysis, and development of jazz improvisation skills via theoretical and practical techniques.

**MUS 3651: Orchestration and Arranging (2)** Prerequisite: MUS 1553 or permission of instructor

An introduction to the techniques of orchestration and arranging for woodwind, brass, string, and percussion instruments as well as piano and chorus.

**MUS 3652: Opera Coaching (1-3 hours)** Prerequisite: Permission of instructor

Preparatory rehearsals and vocal coaching in preparation for an operatic performance.

**MUS 3780: Diction I (2)**

This course will introduce and develop skills for pronunciation of Italian, Latin, and English languages in singing and speaking through study of the International Phonetic Alphabet symbols and sounds.

**MUS 3781: Diction II (2)** Prerequisite: MUS 3780

This course will continue to develop the knowledge and use of International Phonetic Alphabet as it pertains to German, French, and Spanish languages in singing and speaking.

**MUS 3782: Vocal Pedagogy I (3)**

This course will cover the anatomical, physiological and acoustic elements of singing as a means of providing students with a detailed working knowledge of the vocal mechanism. Emphasis will be placed upon application of these principles in both performance and instruction.

**MUS 3783: Vocal Pedagogy II (3)** Prerequisite: MUS 3782

This course will use the anatomical, physiological and acoustic elements of singing as covered in MUS 3782 for practical application, in students' own lessons and teaching. Each student will teach a pupil in private voice lessons in order to develop and codify a philosophy of healthy voice teaching.

**MUS 3900: Capstone Lecture Recital (2)** Prerequisite: Successful completion of the Sophomore Evaluation or permission of music faculty

Presentation of a 40-minute lecture recital that serves as the "capstone" for the BA-Music degree. During the semester of registration in MUS 3900, students receive one 60-minute private lesson per week.

**MUS 44xx: Applied Music Principal: Piano, Organ, Voice, Woodwinds, Brass, Strings, Guitar, Percussion (2)** Prerequisite: Successful completion the Capstone Lecture Recital (MUS 3900) or placement by audition

One 60-minute private lesson per week for two credits per semester. Music is determined by the instructor according to the level and ability of the student. May be repeated for credit.

- MUS 4411 Applied Music Principal Trumpet
- MUS 4412 Applied Music Principal Horn
- MUS 4413 Applied Music Principal Trombone
- MUS 4414 Applied Music Principal Euphonium
- MUS 4415 Applied Music Principal Tuba
- MUS 4421 Applied Music Principal Flute
- MUS 4422 Applied Music Principal Oboe
- MUS 4423 Applied Music Principal Clarinet
- MUS 4424 Applied Music Principal Bassoon

MUS 4425 Applied Music Principal Saxophone  
MUS 4431 Applied Music Principal Voice  
MUS 4441 Applied Music Principal Percussion  
MUS 4451 Applied Music Principal Piano  
MUS 4452 Applied Music Principal Organ  
MUS 4461 Applied Music Principal Violin  
MUS 4462 Applied Music Principal Viola  
MUS 4463 Applied Music Principal Cello  
MUS 4464 Applied Music Principal Double Bass  
MUS 4465 Applied Music Principal Guitar

**MUS 4531: Music History I (3)** Prerequisite: MUS 2030 or placement by entrance examination

A survey course covering the history of Western music in the Ancient, Medieval, Renaissance and Baroque periods.

**MUS 4532: Music History II (3)** Prerequisite: MUS 2030 or placement by entrance examination

A survey course covering the history of Western music in the Classic, Romantic and Contemporary periods.

**MUS 4711: Classroom Management in Music (3)** Prerequisite: MUS 3520

A survey of instructional method and literature for beginning, intermediate, and advanced school chorus, band, and general music courses. Includes curriculum planning, rehearsal techniques and performance practices for various style periods and cultures.

**MUS 4712: Elementary Music Education (3)** Prerequisite: Ability to read music, or permission of instructor

Introduces methods and materials for teaching basic musical concepts in the elementary classroom. Music activities suitable for children in grades K-6: singing, movement, listening, and instrumental activities appropriate to child growth and development.

**MUS 4713: Band Administration (3)** Prerequisite: MUS 4711, MUS 4787, admission to TEP

A course that prepares instrumental music education students with the requirements and responsibilities of teaching winds and percussion in middle and secondary schools.

**MUS 4785: Secondary Methods (3)** Prerequisite: Admission to the Teacher Education Program

Secondary Methods is a comprehensive study in materials, techniques, methods, and problem-solving strategies for the teaching of choral and instrumental music in the public schools through lecture, demonstration and field experience. This course is team-taught, and course assignment schedules will be provided. Includes practicum hours.

**MUS 4900: Senior Recital (2)** Prerequisite: Successful completion of the Junior Lecture Recital or permission of music faculty

Presentation of a 60-minute performance recital during the senior year. During the semester of registration in MUS 4900, students receive one 60-minute private lesson per week.

**MUS 4950, 4960: Special Topics in Music (1-3, 1-3)**

**MUS 4970: Independent Study in Music (1-3)**

# **BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES**

## **THEATER MAJOR**

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**Coordinator:** Ben Mays

The Theater Arts program at the University of Virginia's College at Wise is committed to fostering an understanding of theater as an integrated, collaborative art form that strives for a communal imagining of what it means to be human. We hold that the practice and experience of theatrical form founds an experiential understanding which engenders empathy and compassion. It is our endeavor to bring this theatrical way of knowing to the larger college community. We strive to make these aspirations our foremost intent, realized persistently through our interactions and undertakings—placing the good of the community and its work above any personal interest we may reap from it.

The major in theater provides the opportunity to practice and develop a wide variety of insights and skill sets applicable to graduate or professional work in theater as well as a variety of other careers. The combined curricular and production programs provide a foundation of theater study and practice from which a student may pursue specific interests through advanced courses and practica.

### ***SPECIAL TOPICS COURSES***

The theater department is proud to offer courses that are focused on emerging topics in the discipline and in the world. These courses offer students opportunities to study intriguing and provocative subjects that will contribute to their experience at UVA Wise. Some examples of past and current course offerings:

- Survey of Popular Entertainment
- Acting Performance
- Performance of Gender
- Political Theater
- Community, Documentary & Performance
- Dramaturgy
- Performance, Race and Rebellion
- Performance Studies

### ***ADMISSION TO THE PROGRAM***

Before being admitted to the program, students must complete any four of the Major Core Curricular Requirements with at least a 2.0 GPA. Formal application to the program should be made by the spring semester of the sophomore year.

Students will complete the following course of studies:

<b>THEATER MAJOR</b>		
<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>Core Curricular Requirements</b>		
THT 1000	Introduction to Theater	3
THT 1100	Stagecraft	3
THT 1200	Acting	3
THT 1300	Introduction to Theatrical Design	3
THT 1500	Major's Seminar	0
THT 2500	Production & Stage Management	3
THT 3000	Theatrical Aesthetics	3
THT 3001	Theater History and Literature I	3
THT 3002	Theater History and Literature II	3
<b>Core Production Requirements</b>		
THT 1111	Technical Theater Practicum I	3
THT 4980	Senior Seminar I	3
THT 4990	Senior Seminar II	3
<b>Choose 2 courses (6 hours) from the following list:</b>		
THT 1211	Performance Practicum I	6
THT 2112	Technical Theater Practicum II	
THT 2210	Rehearsal Ensemble & Performance I	
THT 2212	Performance Practicum II	
THT 2220	Rehearsal Ensemble & Performance II	
THT 2311	Theatrical Design Practicum I	
THT 2511	Production Management Practicum I	
THT 3113	Technical Theater Practicum III	
THT 3230	Rehearsal Ensemble & Performance III	
THT 3240	Rehearsal Ensemble & Performance IV	
THT 3312	Theatrical Design Practicum II	
THT 3313	Theatrical Design Practicum III	
THT 3512	Production Management Practicum II	
THT 3513	Production Management Practicum III	
<b>Elective Requirements (12 hours)</b>		
12 additional credit hours in theater or theater-related courses based on the students interests and in consultation with the theater major advisor.		12
<b>TOTAL</b>		<b>51</b>

## SENIOR THEATER SEMINARS

Theater seminars will be completed each semester of the student's senior year. These seminars are geared to each student's specific interests and will be tied to a departmentally authorized production project in the following areas: 1) production/tech and management; 2) performance; 3) dramaturgy; and 4) design.

## MINOR IN THEATER

**Coordinator:** Ben Mays

COURSE CODE	TITLE	CREDIT HOURS
THT 1000	Introduction to Theater	3
THT 1200	Acting	3
THT 1100	Stagecraft	3
THT 1111	Technical Theater Practicum I	3
<b>Six hours selected from "Core Production Requirements" listed above in the major.</b>		
THT XXXX AND THT XXX	"Core Production Requirement" Courses	6
<b>Six hours selected from any additional theater courses.</b>		
THT XXXX	Any other upper-division theater course	3
THT XXXX	Any other upper-division theater course	3
<b>TOTAL</b>		<b>24</b>

## COURSES IN THEATER

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### THT 1000: Introduction to Theater (3)

An introduction to the craft and art of theater including acting, directing, management, design, theater history, and dramatic literature.

### THT 1100: Stagecraft (3)

A hands-on course in technical theater that focuses on the examination and practice of scenic construction and lighting techniques.

**THT 1111: Technical Theater Practicum I (3)** Prerequisite: THT 1100 or permission of instructor

Students will contract to serve in one of a number of different technical positions involved in one of the department's theatrical productions. Each position will entail a set of production responsibilities clearly outlined at the onset of the production process in the student's contract.



The student will function as in a professional position - taking on the specified responsibilities under the time constraints implicit in the larger production process.

**THT 1200: Acting (3)**

An introductory acting workshop focused on overcoming coming stage fright, basic scene analysis, and realistic acting through classroom games and exercises.

**THT 1211: Performance Practicum I (3)** Prerequisite: Audition - Cast in a theater division play

Students will contract to serve in a role in one of the department's theatrical productions. This will entail a set of production responsibilities clearly outlined at the onset of the production process in the student's contract. The student will function as in a professional position - taking on the specified responsibilities under the time constraints implicit in the larger production process.

**THT 1300: Introduction to Theatrical Design (3)**

This course introduces students to the practice of theatrical design and the function of its various elements - scenery, lighting, and costuming - in theatrical expression. Students will practice rendering, composition, and 3D modeling skill as well as verbal articulations in an effort to clearly and concisely communicate their design ideas, concepts and applications.

**THT 1500: Majors' Seminar (no credit)**

This seminar is required each semester a student is declared as a Theater major and will center round student involvement, decision making, and presentations within the department. Though the seminar is not for credit, it is assigned a pass/fail grade, is required of all Theater majors, and will meet approximately 8-10 times a semester.

**THT 2100: Drafting for the Theater (3)**

The Drafting course is designed to introduce the Theater student to the principles of mechanical hand drafting and the basic theatrical construction considerations that inform them. Students will develop hands-on experience in drafting and will create drafting packets modeled after professional designers and technical directors.

**THT 2112: Technical Theater Practicum II (3)** Prerequisite: THT 1111

Students will contract to serve in one of a number of different technical positions involved in one of the department's theatrical productions. Each position will entail a set of production responsibilities clearly outlined at the onset of the production process in the student's contract. The student will function as in a professional position - taking on the specified responsibilities under the time constraints implicit in the larger production process. Roles and responsibilities will build upon those of the THT 1111 Technical Practicum.

**THT 2200: Intermediate Acting (3)** Prerequisite: THT 1200 or permission of instructor

A studio course continuing the development of acting skills first introduced in THT 1200. Vocal, movement, and character development skills will be stressed. A final performance is required as a capstone experience for the course.

**THT 2201: Voice and Oral Interpretation (3)**

This course will explore the basic principles of vocal production as they relate to theater and speech. Emphasis is placed on the mechanics of breathing, projection, resonance, and development of range as well as interpretation of text.

**THT 2202: Movement in Performance (3)** Prerequisite: THT 1200 or permission of instructor.

This class is intended to introduce students to the movement component of performance. Experimenting with, considering, and practicing various disciplines of movement (expressive and training), students will examine and discuss the role of movement in performance. These examinations and discussions will be applied in performance projects.

**THT 2210: Rehearsal, Ensemble, and Performance I (3)** Prerequisite: THT 1200 and by audition

This course is intended to introduce the student to the practice of rehearsing theater and to explore and evaluate various approaches to that end. The course work will center around the development of an actual performance through rehearsals, which will be used concurrently to reflect upon and consider the various elements and processes of its construction.

**THT 2212: Performance Practicum II (3)** Prerequisite: THT 1211 and by audition

Students will contract to serve in a role in one of the department's theatrical productions. This will entail a set of production responsibilities clearly outlined at the onset of the production process in the student's contract. The student will function as in a professional position - taking on the specified responsibilities under the time constraints implicit in the larger production process. Roles and responsibilities will build upon those of the THT 1211 Performance Practicum.

**THT 2220: Rehearsal, Ensemble, and Performance II (3)** Prerequisite: THT 2210 and by audition

This course is intended to introduce the student to the practice of rehearsing theater and to explore and evaluate various approaches to that end. The course work will center around the development of an actual performance through rehearsals, which will be used concurrently to reflect upon and consider the various elements and processes of its construction. Student performance expectations build upon those in the THT 2210 Rehearsal, Ensemble, and Performance course.

**THT 2301: Costume Design and Construction (3)** Prerequisite: THT 1300 or permission of instructor

This course is designed to introduce students to the costume design process and noted costume designers as well as basic costume construction principles. Students will also be exposed to various costume construction techniques through both hand sewing and machine stitching. Students will become familiar with cutting, draping, and following a pattern as well as care and maintenance of the sewing machine and the overlock machine.

**THT 2311: Theatrical Design Practicum I (3)** Prerequisite: THT 1300 or permission of instructor

Students will contract to serve in one of several design positions in one of the department's theatrical productions. Each position will entail a set of production responsibilities clearly outlined at the onset of the production process in the student's contract. The student will

function as in a professional position - taking on the specified responsibilities under the time constraints implicit in the larger production process.

**THT 2500: Production and Stage Management (3)**

This course is designed to develop business skills in organization, communication, and management and is tailored to specific applications in the theater and entertainment industry. Students will practice assuming various production and management responsibilities including event planning, scheduling, budgeting, accounting, procurement, publicity, hiring, payroll, and documentation as well as interpersonal and organizational communication skills. Students will participate in mock scenarios in which they will be asked to solve possible real-world problems and document the solutions.

**THT 2511: Production/Management Practicum I (3)** Prerequisite: THT 2500 or permission of instructor

Students will contract to serve in one of a number of different positions in one of the department's theatrical productions. Each position will entail a set of production responsibilities clearly outlined at the onset of the production process in the student's contract. The student will function as in a professional position - taking on the specified responsibilities under the time constraints implicit in the larger production process.

**THT 2910: Haunting Houses (3)**

This course explores how to design, set-up, and operate a financially successful haunted house. Through our time in class, we will research and explore different types of haunted attractions and scare techniques. Through practical experience and hands-on projects, students will gain a better understanding of the business, design, technical aspects, costume/wardroom, theatrical and special effect areas needed for a successful haunted house. In this class, your newfound knowledge and skills will be tested and further refined by working with the community on developing, implementing and operating a successful Haunted Attraction.

**THT 3000: Theatrical Aesthetics (3)** Prerequisite: THT 1000

This course will endeavor to consider the social function of theater- the role that it plays in civilization and cultures- and how that role can or should be realized. As a part of this consideration, students will discuss the various elements of theatrical form and their application in its meaningful expression. Students will also develop and articulate their own theatrical aesthetic at the conclusion of the course.

**THT 3001: Theater History and Literature I (3)** Prerequisite: ENG 1010 and 1020

A survey of the history of theater from ancient Greece to the French Neoclassical period.

**THT 3002: Theater History and Literature II (3)** Prerequisite: ENG 1010 and 1020

A survey of the history of theater from Restoration England to the present.

**THT 3003: Performance of Race and Rebellion (3)** Prerequisite: ENG 1020 or ENG 1030 or permission of instructor

The course explores the construction and practices of race in 19th Century America through the lens of performance. The course will provide general background on performance studies, the construction of race, the institution and practice of slavery, abolitionism, the role of race in the

Civil War, Reconstruction, and the development of Jim Crow laws and culture. Particular attention will be paid to cultural representations of African, slave, plantation, and abolitionist cultures, including both white and black minstrelsy, and the many staged interpretations of Uncle Tom's Cabin throughout the century. Another focus will be the cultural dialogue (from sermons to lynchings) generated by 1.) two notable race-centered rebellions, Nat Turner's and John Brown's, 2.) the radical attempts to overturn racial roles through Reconstruction, 3.) the initial rise of the Ku Klux Klan and the creation of a revisionist history of the Confederacy, and 4.) the rationale for and institutionalization of social and legal Jim Crow concepts by century's end.

**THT 3113: Technical Theater Practicum III (3)** Prerequisite: THT 2112

Students will contract to serve in one of a number of different technical positions involved in one of the department's theatrical productions. Each position will entail a set of production responsibilities clearly outlined at the onset of the production process in the student's contract. The student will function as in a professional position - taking on the specified responsibilities under the time constraints implicit in the larger production process. Roles and responsibilities will build upon those of the THT 2112 Technical Practicum.

**THT 3200: Acting Techniques (3)** Prerequisite: THT 1200 or permission of instructor

This course will examine a variety of acting techniques and will focus specifically on those techniques that have become collectively referred to as "the method." It will examine the psychological techniques developed in the middle of 20th Century and the relationship of such techniques to the original work of Constantine Stanislavski and the Moscow Art Theater. It will also consider the theoretical questions posed by techniques that have radically rejected the psychological approach. Ultimately, the course will consider whether the approach to acting is more successful as a psychological or physical one.

**THT 3205: Playwriting (3)** Prerequisites: THT 1000 or THT 1200 or permission of instructor

A creative writing course, focusing on plays, dramatic structure and technique. Students will share their written work in class, learning through in-class critiques of each others' works, as guided by the instructor. Students may choose between writing a complete play, writing a series of play-focused exercises, or a combination of the two.

**THT 3206: Performance Laboratory (3)** Prerequisite: THT 1200 or permission of instructor

A performance workshop (acting and directing) focusing on non-realistic theater and contemporary trends in performance. May be repeated for credit.

**THT 3207: Magic: Practices of Perception & Deception (3)** Prerequisite: ENG 1020

This course will examine and teach basic to intermediate technical and aesthetic practices of magicians and explore how those practices are applied and used in other non-entertainment fields, such as politics, advertising, philosophy and religion. Students will learn some basic sleight-of-hand techniques while thinking and writing about how those techniques are applied in other disciplines. Students will then be asked to develop the subject matter of that critical thinking into scripts for their performances for magic tricks.

**THT 3230: Rehearsal, Ensemble, and Performance III (3)** Prerequisite: THT 2220 and by audition

This course is intended to introduce the student to the practice of rehearsing theater and to explore and evaluate various approaches to that end. The course work will center on the development of an actual performance through rehearsals that will be used concurrently to reflect upon and consider the various elements and processes of its construction. Additionally, students will serve in a mentorship capacity for the 2000-level students in the course and will assist in the teaching of certain aspects of the course curriculum.

**THT 3240: Rehearsal, Ensemble, and Performance IV (3)** Prerequisite: THT 3230 and by audition

This course is intended to introduce the student to the practice of rehearsing theater and to explore and evaluate various approaches to that end. The course work will center on the development of an actual performance through rehearsals that will be used concurrently to reflect upon and consider the various elements and processes of its construction. In addition to the general requirements of the course, upper level students will serve in a mentorship capacity of lower level students and will assist in the teaching of certain aspects of the course curriculum. These expectations will build upon those of the THT 3230 Rehearsal, Ensemble, and Performance course.

**THT 3301: Lighting Design (3)** Prerequisites: THT 1300 or THT 2100 or permission of instructor

A course focusing on theatrical lighting design. Students will explore the lighting design process in depth with emphasis on modes of representation, concept, creativity, collaboration, and interpretation through design. Students will have the opportunity to work concurrently in the co-curricular theater production program on the lighting for a real-world production. The course is additionally applicable to art and photography studies.

**THT 3302: Scenic Design (3)** Prerequisite: THT 1300 and THT 1100 or 2100

This course is designed to introduce students to the work of the scene designer, the function that scenic design serves within theatrical expression and the process through which it is developed and executed.

**THT 3312: Theatrical Design Practicum II (3)** Prerequisite: THT 2311

Students will contract to serve in one of several design positions in one of the department's theatrical productions. Each position will entail a set of production responsibilities clearly outlined at the onset of the production process in the student's contract. The student will function as in a professional position - taking on the specified responsibilities under the time constraints implicit in the larger production process. Roles and responsibilities will build upon those of the THT 2311 Design Practicum.

**THR 3313: Theatrical Design Practicum III (3)** Prerequisite: THT 3312

Students will contract to serve in one of several design positions in one of the department's theatrical productions. Each position will entail a set of production responsibilities clearly outlined at the onset of the production process in the student's contract. The student will function as in a professional position - taking on the specified responsibilities under the time constraints implicit in the larger production process. Roles and responsibilities will build upon those of the THT 3312 Design Practicum.

**THT 3512: Production/Management Practicum II (3)** Prerequisite: THT 2511

Students will contract to serve in one of a number of different positions in one of the department's theatrical productions. Each position will entail a set of production responsibilities clearly outlined at the onset of the production process in the student's contract. The student will function as in a professional position - taking on the specified responsibilities under the time constraints implicit in the larger production process. Roles and responsibilities will build upon those of the THT 2511 Production/Management Practicum.

**THT 3513: Production/Management Practicum III (3)** Prerequisite: THT 3512

Students will contract to serve in one of a number of different positions in one of the department's theatrical productions. Each position will entail a set of production responsibilities clearly outlined at the onset of the production process in the student's contract. The student will function as in a professional position - taking on the specified responsibilities under the time constraints implicit in the larger production process. Roles and responsibilities will build upon those of the THR 3512 Production/Management Practicum.

**THT 3950, 3960: Special Topics in Theater (1-3) (1-3)** Prerequisite: Permission of instructor

**THT 4000: Performance Studies (3)** Prerequisites: THT 1000 & ENG 1010 or Permission of Instructor

This course is an introduction to the recognition and "reading" of performance in non-theatrical settings, exploring the ways that performance creates meanings and shapes social life. The course will use performance as an organizing concept for studying a wide range of behaviors, activities, and situations. The course will provide a survey overview of performance theories, and map various performance histories including ritual and play, speech acts, advertising, globalization, and performance art.

**THT 4500: Directing (3)** Prerequisite: THT 2210 and 3000

This course examines the work of the director specifically in live theater. Students will consider and practice various methods and techniques involved in the creation of directing projects.

**THT 4950, 4960: Special Studies in Theater (1-3) (1-3)** Prerequisite: Permission of instructor

**THT 4970: Independent Studies in Theater (1-3)** Prerequisite: Permission of instructor

**THT 4980, 4990: Seminar I-II (3, 3)** Prerequisite: Senior standing and permission of instructor

Individualized special topics courses for senior theater majors. Projects will be geared to the student's specific interests and will be tied to a departmentally authorized production project in one of the following areas: technical theater and design; acting; directing or management; playwriting; or history.

## ***COURSES IN VISUAL AND PERFORMING ARTS***

**VPR 1010: Introduction to the Arts (3)**

The nature and interrelationships of art, dance, music and theater in society from the ancient Classical cultures to the end of the Renaissance period.

**VPR 1020: Introduction to the Arts (3)**

The nature and interrelationships of art, dance, music and theater in society from the Baroque period to the present.

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## INTERDISCIPLINARY STUDIES

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### INTERDISCIPLINARY STUDIES MAJOR

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For students who wish to pursue studies not available under established majors, The University of Virginia's College at Wise offers the Interdisciplinary Studies Major. This major is under the general supervision of the Interdisciplinary Studies Major Review Committee appointed by the Provost. Students accepted into this program are designated Interdisciplinary Studies majors.

Examples of past interdisciplinary majors are:

- Appalachian Studies
- Art and Psychology combined
- Communication and Natural History combined
- English and Humanities combined
- English and Library Science combined
- History and Philosophy combined
- History and American Cultural Studies
- International Sports Culture

Students who elect this program must make application according to the following governing rules:

1. The student must recommend a Supervisory Committee consisting of at least three faculty members. The committee must be representative of the student's areas of interest and must be approved and appointed by the Provost or the Provost's designee.
2. Written application to the Interdisciplinary Studies Major Review Committee should be made no later than the fourth semester of residence (or equivalent), and ideally should be made prior to the attainment of 75 credit hours of credit toward the degree. A minimum of three full-time semesters must be devoted to the program.
3. The student's written academic program proposal must meet the following criteria:
  - a. It is genuinely unique and not readily pursued within an existing major program.
  - b. It is a logical, consistent, and coherent approach toward a well-defined educational objective.
  - c. It includes at least 48 credit hours of upper division courses. Of these, 28 upper division hours will be those upper division hours required in 3e below.
  - d. It satisfies the Liberal Arts Core requirements for a baccalaureate degree.
  - e. It includes, in lieu of the traditional major, a major plan of study of at least 42 credit hours, two-thirds of which (28 credit hours) must be upper division, and none of which may be used to satisfy Liberal Arts Core requirements.
  - f. It includes a capstone project which is designed to integrate the disciplines included in the major. The project will require a paper and oral presentation.
    - h. It is realistic with regard to the staff and library resources of the College.



4. The student’s advisor should, with the assistance of the student, develop learning outcomes for the major, and these learning outcomes should be incorporated into the program. The advisor, the Director of Assessment, and the lead faculty should devise a plan for assessment of these outcomes once the student’s proposal is accepted.
5. All courses in the proposed program (item 3e) should normally be completed at UVA Wise and may not be taken under the credit-no credit option. Waiver of this requirement must be in accordance with item 6 below.
6. The program proposal and all revisions must be approved by the Supervisory Committee, the Interdisciplinary Studies Major Review Committee, and the Provost.
7. Any deviation from these rules must be approved by the Interdisciplinary Studies Major Review Committee and the Provost.
8. Additional information and application forms are available in the Office of the Academic Affairs.

<b>INTERDISCIPLINARY STUDIES MAJOR CHECKLIST</b>		
<b>Governing Rules:</b>		<b>COMPLETE</b>
Step 1	Supervisory Committee (3 Faculty)	
Step 2	Written Application	
Step 3a	Genuinely unique	
Step 3b	Logical, consistent, coherent, well-defined objectives	
Step 3c	48 hours upper division coursework out of the 120 required for all degrees	
Step 3d	Satisfies Liberal Arts Core Requirements	
Step 3e	At least 42 hours in Major plan of study (28 hours of those must be upper division coursework – See 3c above. (no Liberal Arts Core))	
Step 3f	Includes a capstone project resulting in a paper and oral presentation	
Step 3g	It is realistic with regard to the staff and library resources of the College	
Step 4	Must include Learning Outcomes developed by the Advisor	
Step 5	All courses taken at Wise and no CR/NC courses allowed.	
Step 6	Program proposal must be approved by the Supervisory Committee, the Interdisciplinary Studies Major Review Committee, and the lead committee faculty member.	
Step 7	Any deviation from the rules above must be approved by the Interdisciplinary Studies Major Review Committee and the Provost.	
Step 8	Additional information and application forms are available in the Office of the Academic Affairs.	

## **MINOR IN APPALACHIAN STUDIES**

**Coordinator:** Brian D. McKnight

A minor in Appalachian Studies is available to give students an opportunity to explore the past, present, and future of the Appalachian Region in order to understand and celebrate those aspects that are unique or special, and to fit the region into the broader context of the nation and world. Effective leadership for the future of the Appalachian region as a viable environment and culture will come from those who understand the potential and the limitations of the region. More information can be found at [www.appstudies.uvawise.edu](http://www.appstudies.uvawise.edu).

Students may develop a minor in consultation with the Appalachian Studies coordinator and the advisor of the academic major, using the following guidelines:

1. Adherence to the college policy on minors requiring 18 credit hours at least 12 of which must be 300 level and above. Courses applied to requirements for a major may not be applied to a minor.
2. Courses chosen should provide a coherent approach to a well-defined educational objective. Focus may be on specific areas, such as art, literature, natural history, political philosophy, sociology, or a combination of these.
3. The program must be realistic in terms of course availability, staff and library resources.
4. Courses used for the minor normally should be chosen from the following list. Other courses, including special topics, independent and studio projects, may be approved if they can be justified as consistent with student's specific goals. New courses appropriate for this minor may be developed and added to this list.

BIO 3270: Invertebrate Zoology

BIO 3250: Local Flora

BIO 3510: Natural History of the Appalachians

COM 4015: Dialects of the Appalachian Region

ENG 3010: Appalachian Prose and Poetry

GLG 3010: Historical Geology

HIS 3740/4740: Appalachia

HIS 3750/4750: Local History/Appalachian Studies

HUM 1100: Introduction to Appalachia

MUS 1127/3127: Bluegrass Ensemble

PHI 3200: Environmental Ethics

SOC 3750: Environmental Sociology

THT 3950: Special Topics: Storytelling

## **MINOR IN INTERNATIONAL STUDIES**

**Coordinator:** Amelia J. Harris

The minor in international studies is designed to provide students with understanding of the economic and political structures, languages and literatures, history and interrelationships of cultures other than their own. It is particularly suited to enhance the education of students majoring in English or history, concentrating in business, economics, or political science, or pursuing a major in foreign languages or foreign studies, but also useful for students in any other field of study such as the sciences. The student will plan a coherent curriculum in consultation with the international studies coordinator and the advisor of the academic major.

**INT 4000 International Studies Capstone (1)** Pre/corequisite: 18 credit hours of coursework towards the International Studies minor.

In culmination of the International Studies Minor, students will complete original research on a topic that integrates their coursework for the minor, is international in scope, and will include foreign travel. The capstone will be completed under the direction of the International Studies Coordinator or a designated professor.

The minor will include:

1. This requirement can be satisfied with FRE/GER/SPA 2010 and 2020, 3000 or 4000 level courses in FRE/GER/SPA, or 1010 and 1020 from a second foreign language.
2. 12 to 15 credits of 3000 or 4000 level courses that students will choose in consultation with the International Studies Coordinator from the list below. To ensure that the minor is interdisciplinary, students must select courses from at least 3 of the following 4 areas of study: Business and Economics, Humanities, Social Sciences, and Natural Sciences. Special topics courses, independent study courses, short-term and semester abroad courses, and courses specializing in specific countries or geographical regions may also be approved by the International Studies Coordinator.

BUS 3140/ECO 3140: International Business

BUS 3410: Conflict Management Prerequisite: BUS 3310

ECO 3120: International Trade and Policy Issues Prerequisite: ECO 1050 or 2050 or 2060

ECO 3170: Environmental Economics Prerequisite: junior or senior standing

ART 3510: History of Art II Prerequisite: ENG 1020 or ENG 1030

ART 3540: World Art

HIS 3230/4230: The Age of Global Contacts

HIS 3640/4640: Foreign Policy of the United States since 1900 Prerequisite: HIS 1080

MUS 3038: Popular and World Music

PHI 3020: Social and Political Philosophy

PHI 3200: Environmental Ethics

REL 3000: Religions of the World

MUS 3038: Popular and World Music

THT 3000: Theatrical Aesthetics Prerequisite: THT 1000

THT 3002: Theater History and Literature II Prerequisite: ENG 1010 and 1020

PED 3410: Sport in Society

POL 4810: International Relations

POL 4820: American Foreign Policy

PSY 3060: Cultural Diversity Prerequisite: PSY 1100

SOC 3120: Community and Social Change Prerequisite: SOC 1100 or permission of instructor

SOC 3250: Popular Culture Prerequisite: SOC 1100 or permission of instructor

SOC 3600: Sociology of Race and Ethnicity Prerequisite: SOC 1100 or permission of instructor

SOC 3750: Environmental Sociology

GLG 3020: Environmental Geology Pre-/corequisite: GLG 1010, CHM 1010/1011 or permission of instructor

3. A one credit hour capstone course (INT 4000) which will be interdisciplinary, international in scope, and will normally include foreign travel. The capstone will be completed under the direction of the International Studies Coordinator or a designated professor. Students may not count classes required for their major(s) towards the International Studies minor. The exception of 2010 and 2020 for foreign language/foreign studies majors must be approved by the Department of Language and Literature.

## ***MINOR IN MEDIEVAL-RENAISSANCE STUDIES***

**Coordinator:** Kenneth Tiller

The minor in Medieval-Renaissance Studies is designed to give students the opportunity to explore the history, literature, art, culture, and language of the Middle Ages and Renaissance, or Early Modern, periods, from the sixth to the mid-seventeenth century. Based on the premise that knowledge of the past prepares us for the future, the minor is particularly suited for students majoring in History and/or English with an interest in these periods and planning to pursue graduate work; it may also be of interest to students majoring in the arts or in one of the foreign languages. The minor encourages interdisciplinary approaches. The prospective minor will work out a coherent academic curriculum after consultation with the Medieval-Renaissance Studies coordinator.

The minor will include 18 credits, at least six of which must be in courses numbered 3000 or above.

### **I. Six (6) credits from the following history courses:**

HIS 3300/4300: Byzantium and Islam

HIS 3355/4355: Medieval Europe I

HIS 3360/4360: Medieval Europe II

HIS 3410/4410: Early Modern Europe from 1500 to 1789

HIS 3500/4500: History of England to 1660

HIS 3552/4552: History of the Early Church

### **II. Six (6) credits from the following literature courses:**

ENG 3050: Western Literary Traditions I

ENG 3070: Arthurian Literature

- ENG 3120: Topics in World Literature (Medieval or Early Modern subjects as determined by the coordinator)  
ENG 3140: Topics in British Literature (as above)  
ENG 3160: The Knight in Literature and Culture  
ENG 3020: Dante's World  
ENG 3270: Survey of British Literature I  
ENG 3420: History of the English Language  
ENG 3690: 16th Century British Literature  
ENG 3700: 17th Century British Literature (Milton)  
ENG 4000: Chaucer  
ENG 4010: Studies in Medieval British Literature  
ENG 4050: Shakespeare: The Early Plays  
ENG 4060: Shakespeare: The Late Plays

**III. Three (3) credits from the following humanities courses:**

- ART 3500: History of Art I  
FRE 3010: Introduction to French Civilization  
FRE 4510: French Literature of the Middle Ages  
FRE 4570: French Poetry  
FRE 4610: French Literature for the Renaissance  
GER 3010: Introduction to German Culture and Civilization  
GER 3780: Survey of German Literature I  
GER 3920: German Literature of the Middle Ages and Renaissance (in translation)  
PHI 3052: Ancient and Medieval Philosophy  
REL 2010: The Hebrew Bible in Historical and Cultural Context  
REL 2020: The New Testament and Early Christianity  
SPA 3500: Medieval-Golden Age Survey  
SPA 3510: Colonial Latin American Literature  
SPA 3830: History of the Spanish Language  
Any foreign language course numbered 2000 or above as approved by the coordinator

**IV. Three (3) credits chosen from any one of the above selections**

## ***MINOR IN WOMEN'S STUDIES***

**Coordinator:** Cindy Wilkey

The minor in women's studies is designed to provide students with an understanding of the challenges faced by women in the modern world. It is particularly suited for those students who wish to explore women's roles in contemporary society and how these roles may impinge on their activities as well as the activities of those with whom they interact. The student seeking the Minor in Women's Studies will plan a coherent curriculum for the minor in consultation with the Women's Studies coordinator and the advisor of the academic major.

The minor will include:

COURSE CODE	TITLE	CREDIT HOURS
HUM 3450	Introduction to Women's Studies	3
<b>Choose 12 hours from the following:</b>		
ENG 3120	Topics in World Literature: Women in Literature	12
ENG 3130	Topics in American Literature: Women's Literature: Creative Vision OR Topics in American Literature: The American Eye	
ENG 3140	Topics in British Literature: Victorian Women Novelists	
HIS 3470/4470	Women in European History	
HIS 3650/4650	Women in American History	
PSY 3000	Psychology of Gender	
PSY 3060	Cultural Diversity	
SOC 1550	Marriage and the Family	
SOC 3300	Sociology of Gender	
HUM 3980	Research in Women's Studies	
<b>TOTAL</b>		<b>18</b>

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## STUDY ABROAD

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### **SISTER INSTITUTIONS**

The college is committed to promoting student and faculty exchanges and to expanding students' global understanding and appreciation. To that end, UVA Wise has established sister institution agreements with the following:

- Technical University-Dortmund (Germany)
- University of Luxembourg (Luxembourg)
- University of Seville (Spain)
- University of Huelva (Spain)
- University of the Andes (Chile)
- Pädagogische Hochschule Niederösterreich (Austria)
- University of South Wales (United Kingdom)
- Instituto Tecnológico de Estudios Superiores de Monterrey – Campus Saltillo (Mexico)  
(Currently inactive due to U.S. State Department warnings)

UVA Wise offers a number of foreign study opportunities for students who choose to study in other countries. For more information, please contact Professor Wolny, Director of International Studies.

### **AUSTRIA**

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Students who wish to spend a semester or year in Austria may attend the college's sister institution, the Pädagogische Hochschule Niederösterreich, a small college in Baden, Austria near Vienna, for one semester or for one year. These students will have the opportunity to improve their command of German, take classes in German, get to know Austrian students, and take advantage of cultural activities in Vienna. Participation in this program will be contingent on the student's level of fluency in German, his or her maturity and academic standing, an interview with German faculty, junior standing and recommendation by at least two professors. Special permission to participate may be given for sophomores. This program is particularly recommended for students who choose to major in Foreign Studies with a concentration in German. However, the program is open to students in other majors who have studied German. Students who wish to attend classes in Baden must have at least two years or the equivalent of German. Because of the sister institution relationship, students from The University of Virginia's College at Wise will pay the college's tuition, just as students coming from Baden to study in Wise will be responsible for tuition at the Pädagogische Hochschule Niederösterreich. For more information on this program, please contact the Professor Wolny in the Office of International Studies.

## CHILE

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Students who wish to spend a semester or year in Chile may attend the college's sister institution, the University of the Andes in Santiago, Chile, for one semester or for one year. Participation in this program will be contingent on the student's maturity and academic standing, an interview with faculty, junior standing and recommendation by at least two professors. Permission to participate may be given for sophomores. Most classes at the university are taught in Spanish, but some classes are taught in English. Because of the sister institution relationship, students from The University of Virginia's College at Wise will pay the college's tuition, just as students coming from Chile to study in Wise will be responsible for tuition at the University of the Andes.

There is an additional opportunity to participate in the university's two and a half week program at the beginning of January. For more information on these opportunities, please contact Professor Wolny, Director for International Studies.

## ENGLAND

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Students who wish to spend a semester or year in England may attend the college's sister institution, the University of South Wales in Cardiff, Wales for one semester or for one year. Participation in this program will be contingent on the student's maturity and academic standing, an interview with faculty, junior standing and recommendation by at least two professors. Permission to participate may be given for sophomores. This institution is particularly recommended for students who choose to major in computer science. However, the program is open to students in other majors. Because of the sister institution relationship, students from The University of Virginia's College at Wise will pay the college's tuition, just as students coming from the University of South Wales to study in Wise will be responsible for tuition at their institution. For more information on this program, please contact the Professor Wolny in the Office of International Studies.

## GERMANY

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Students who wish to spend a semester or year in Germany may attend the college's sister institution, the Technical University in Dortmund, Germany for one semester or for one year. Participation in this program will be contingent on the student's maturity and academic standing, an interview with faculty, junior standing and recommendation by at least two professors. Permission to participate may be given for sophomores. This institution is particularly recommended for students who choose to major in Foreign Studies with a concentration in German or minor in German. However, the program is open to students in other majors. Because of the sister institution relationship, students from The University of Virginia's College at Wise will pay the college's tuition, just as students coming from Dortmund to study in Wise will be responsible for tuition at the Technical University in Dortmund.



Another option for students who do not wish to spend a whole semester in Germany is the International Summer Program at the Technical University in Dortmund. An eight week program, the Summer Program has two tracks: Engineering and German & European Studies. All courses are in English, but a mandatory intensive German language course is a part of both tracks. These language classes are on different levels, depending on the knowledge of the student. Both tracks include an exploration of German culture.

For more information on these programs, please contact Witold Wolny, Director for International Studies.

## LUXEMBOURG

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Students who wish to spend a semester or year in Luxembourg may attend the college's sister institution, the University of Luxembourg, for one semester or for one year. Participation in this program will be contingent on the student's maturity and academic standing, an interview with faculty, junior standing and recommendation by at least two professors. Permission to participate may be given for sophomores. Classes at the university are taught in German, French, and English, making it an attractive venue for students with various language backgrounds. Because of the sister institution relationship, students from The University of Virginia's College at Wise will pay the college's tuition, just as students coming from Luxembourg to study in Wise will be responsible for tuition at the University of Luxembourg. For more information on this program, please contact Professor Wolny, Director for International.

## SPAIN

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Students who wish to spend a semester in a Spanish-speaking country may attend one of the College's two sister institutions in Spain, the University of Seville and the University of Huelva. Participation in one of these programs will be contingent on the student's level of fluency in Spanish, maturity, academic standing, junior status, an interview with Spanish faculty, and recommendation by at least two professors. Special permission to participate may be given for sophomores. This option is particularly recommended for students who choose to major in Spanish. However, the programs are open to students in other majors who have studied Spanish. Because of the sister institution relationship, students from The University of Virginia's College at Wise will pay the college's tuition. Sister institutions in Spain are the University of Huelva in Huelva, Spain and the University of Seville. For more information on these programs, please contact Professor Wolny in the Office of International Studies.

## OTHER INTERNATIONAL STUDY OPPORTUNITIES

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The college offers other opportunities for study abroad that include its own programs during the summer and those offered by other institutions or agencies. The college's summer and spring break programs vary from year to year. There have been UVA Wise summer programs in Huelva, Spain, in Bruges, Belgium, in Germany, in Ireland, in London, in Spain, and in Ecuador.

Study abroad trips are often offered during fall and spring breaks as well. During these periods there have been trips to France, Greece, Scotland, Ireland, England, and Italy. The college also gives students the opportunity to participate in programs offered by API – Academic Programs International and ISEP, International Student Exchange Programs. API and ISEP have both summer and semester programs in many countries around the globe. Through AustraLearn students may study in Australia or New Zealand, and through AsiaLearn in China or other countries in Asia. Participation in Semester at Sea is also available to UVA Wise students. There are plans to provide even more options. For further information, please contact Professor Wolny in the Office of International Studies.

## ***INTERNATIONAL INTERNSHIPS***

International internships are also possible. For more information concerning the availability of internships in countries other than the United States, please contact Professor Wolny in the Office of International Studies.

## ***TRAVEL ABROAD***

The college also offers travel to other countries during fall and spring breaks. Countries visited in the past are Austria, the Czech Republic, England, France, Germany, Ireland, Italy, Spain and Greece. These trips offer a short-term educational experience. Students can gain one to three academic credits during their travel. The travel courses may have prefixes from the various disciplines or department that is hosting the travel abroad. The course numbers used for these trips are 3840 and 3840. For more information on trips or credit, please contact Professor Wolny.

## **LEADERSHIP AND SERVICE**

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To provide students with an opportunity to develop their leadership skills as well as gain an understanding and appreciation of service to others, courses in leadership and service learning have been created. Students will work under the supervision of a faculty member, first to participate in a class project and ultimately to design their own projects.

### **LDS 1000: Introduction to Community Leadership (1)**

Participation in and reflection upon a service project benefitting the surrounding community. This project is to be planned and supervised annually by a faculty member. The project will be launched at the start of semester and revisited mid-semester, with provision for reflection upon role of service in community and role of educated individuals in their communities. Offered for credit/no credit only.

**LDS 3001: Leadership and Service: First-Year Mentor Service Internship (1)** Prerequisites: Permission Only

Students selected for this internship opportunity undergo intensive training and assist at two orientation events during the summer in preparation for their roles as first-year mentors. During the fall semester, each mentor is paired with a first-year advisor and assigned to a small group of incoming students, familiarizing them with the academic and extracurricular life at the college. Weekly seminar meetings with the college's academic counselor and other first-year mentors are also required. The course may be repeated for credit.

**LDS 1350: Keys to Success (3)**

Arising from the tradition of American entrepreneurship, the material for this course was developed by Napoleon Hill from the thoughts of many of the turn-of-the-century business leaders who played a significant role in shaping the destiny of America and the world. Andrew Carnegie so strongly believed in the existence of universal principles of success and achievement that he sponsored the research of Hill. This course examines concepts and principles that when properly applied, lead to personal achievement and self-actualization. Dual listing with BUS 1350.

**LDS 3002: Leadership and Service: First-Year Mentor Service Internship (1)** Prerequisites: Permission Only

This service course is a continuation of the fall leadership internship. During the spring semester, mentors continue their work with their first-year advisors to conduct weekly seminar classes that help their first-year students acquire the information and skills they need to succeed at the college. Weekly seminar meetings with the college's academic counselor and other first-year mentors are also required. The course may be repeated for credit.

**LDS 3750/BUS 3750: Organizational Leadership (3)** Prerequisite: ENG 1010 & 1020

Social scientists continue to seek greater understanding of what traits, abilities, behaviors, sources of power or elements of the situation determine how well a leader is able to influence followers and achieve organizational objectives. The predominant concern has been leadership effectiveness. This class will address these issues from a multi-disciplinary perspective. We will examine leadership through a political and management perspective.

**LDS 3910: Studies in Leadership (3)** Prerequisite: LDS 1000 or LDS 3001, or permission of instructor.

Independent student service project conducted under faculty supervision. The project would have specific goals and a significant component of oral or written reflection/presentation focusing on outcomes. The project may be related to area of major instruction.

## FRESHMAN SEMINAR

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Freshman seminar serves as an introduction to academic life and includes a core curriculum designed to assist students to transition successfully to the demands of higher education. Seminar 1010 is required of all regularly admitted first-year students. Freshmen in academic jeopardy (those who have been placed on academic warning or academic probation) at the end of their first full-time semester of enrollment will be required to complete SEM 1020 as well. Student Support Services participants should register for seminars as designated for those accepted into the program.

### **SEM 1010: Freshman Success Seminar (1)**

This introduction to college and to UVA Wise explores majors, careers, and planning for success in an academic context that addresses academic skills. The class introduces students to critical resources, and engages students with a variety of reading and applied activities.

### **SEM 1020: Freshman Skills Seminar (1)**

This hands-on seminar is required of first-year students in academic jeopardy. The seminar focuses on information designed to help students build skill sets needed for academic success. The class emphasizes participation and the use of College resources.

### **SEM 2950: Special Topics (1)**

Designed to assist any student who wishes to improve academic performance, SEM 2950 provides an intrusive advising experience emphasizing the development of good independent skills. May include requirements for utilization of other College resources.

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### **Office of the Chancellor**

Donna Price Henry, B.A., Ph.D., Chancellor

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